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A
Gladiolus Fancier's Catalog
FOR 1933

COLONIAL GARDENS
RUSHFORD, MINNESOTA
Succeeding
DECORAH GLADIOLUS GARDENS

A Garden

What a thing a garden is
For sweet dreams and quietness!

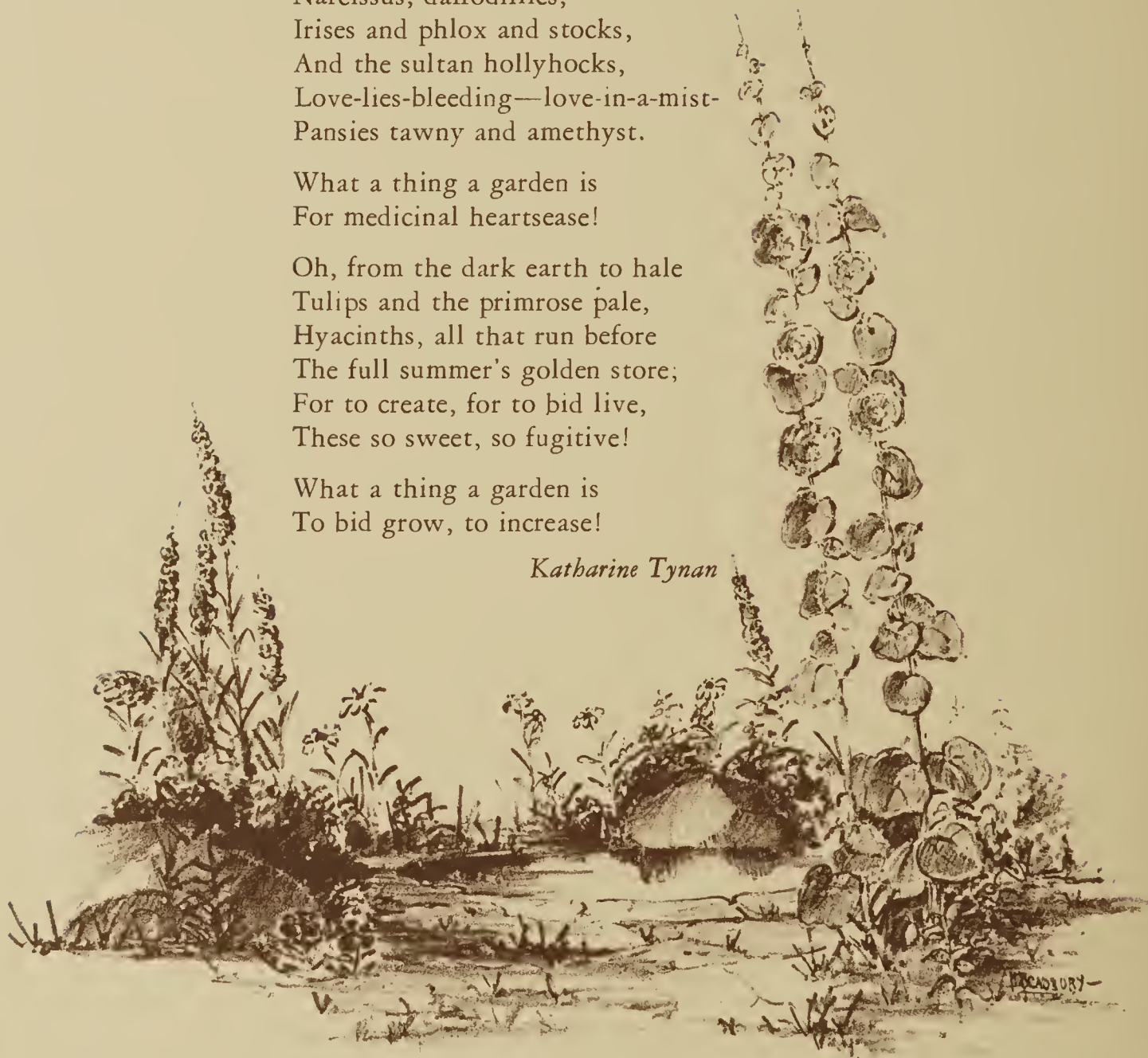
Roses and lilies,
Narcissus, daffodillies,
Irises and phlox and stocks,
And the sultan hollyhocks,
Love-lies-bleeding—love-in-a-mist—
Pansies tawny and amethyst.

What a thing a garden is
For medicinal heartsease!

Oh, from the dark earth to hale
Tulips and the primrose pale,
Hyacinths, all that run before
The full summer's golden store;
For to create, for to bid live,
These so sweet, so fugitive!

What a thing a garden is
To bid grow, to increase!

Katharine Tynan





The Origin of Solveig

By Kristian Prestgard



GOOD many old friends and flower lovers have written me, asking me to tell them about the origin of *Solveig*. Mr. Baerman tells me that he, too, has received several similar inquiries. It is therefore with great pleasure that I avail myself of this opportunity of answering them all and relating the story of the genesis of young *Solveig*, as far as I know it—or at least part of it. It is a really dramatic story. I have experienced many thrilling episodes in my many years of creative work among the glads, but never anything quite like this one.

The story starts way back in August, 1918. One beautiful, bright Sunday morning very early I came out to see if anything of interest had happened during the night in a little experimental plot I had in my backyard. . . . Something *had* happened all right. I could hardly believe my own eyes. In the midst of a good many new, really fine seedlings, which had opened during the previous days, loomed an apparition which I thought could exist only in dreams. Towering way above all the neighbors, three wonderful blooms of enormous size had opened up and stared me right in the face. I had never seen and never expected to see anything so big and beautiful in the glad world. I felt small and humble indeed and was won-

dering if the great Power above had any special message to me, which would be revealed thru this almost unreal creation.

It took me some time before I could think of studying the thing in detail. The blooms were wide open, almost flat, and moderately ruffled; they measured $7\frac{1}{4}$ inches one way and $7\frac{1}{2}$ the other; the color pure ivory-white with a glistening velvety sheen and a small mark of bright rose in the throat; the petals broad and texture exceptionally strong and heavy; the plant 67 inches high, I found.

All these details recorded, I ran in and called up my good partner, Dr. Hoeg. Someone had to share my intense joy. Before I knew it, he was here. Never will I forget the expression in the Doctor's face as he stood before the new revelation. He stared and stared and his lips moved as if he were going to say something, but never a word came out of him. He was not "home" for the time being. After a while he walked around to look at some of the other new things and altho there were really fine and interesting things, certainly worth looking at, he turned away from them with a look as if he pitied them, the poor things, and went back to the great newcomer. This performance was repeated several times; finally he sat down and spoke his mind.

We agreed to call the new glad *Giant Glory*, but later it was referred to only as G. G., and we almost forgot what the letters stood for.

The following morning G. G. had five blooms and the third morning seven perfect blooms open, and it was even more imposing and its beauty even more entrancing. The Doctor came back every morning to feast his eyes on it as long as there was a bloom left.

As the autumn advanced, the Doctor and I never could get together without discussing the topic uppermost in our minds: What would G. G.'s bulb look like? Would it produce many and strong bulb-

lets? We left it in the ground as long as possible, but finally we could not stand the suspense any longer. We had to find out.

And so a late-autumn evening found both of us kneeling, one on each side of the precious plant. We started to dig. There, a few inches below the surface, was hidden the future of this greatest of all glads. We felt the excitement chasing thru our spines. The possibility that the thing might be worth a fortune in hard cash never entered our minds. A few careful strokes of the trowel—and the whole secret lay revealed on the ground. The bulb was not large and not any too robust looking. And bulb-lets? . . . Four small, sickly looking things.

What we then considered the greatest glad ever grown out of the ground anywhere was absolutely worthless. Our spirits dropped way below zero. At that moment we were ready to dispose of the entire Decorah Glad Gardens for a dime. But—a plant breeder has to take his downs as well as his ups. It's all in the game. It was one of those tragedies which I suppose all breeders have experienced from time to time. But just look around and you will find the same tragedy enacted in all living things on earth.

The following year G. G. sent up two spikes fully as large and imposing as the first. But the two bulbs looked rather weak when dug, and there were no bulblets. Not one. There could be no process of renewing thru young, strong stock. The third year the bulbs divided again and plants and blooms came smaller but still bore a

strong resemblance of the former wonder-glad. As expected, it grew smaller and weaker every year as the bulbs grew older, and the season of 1930 I saw the last of the Mohicans. It was a pitiful thing to look at. G. G. had revealed its grandeur for a brief time—and passed into oblivion.

But—G. G. had not been on this earth of ours in vain. The first two years, when it was at its best,



it produced seeds and also pollen which I used on other strong, good varieties with very gratifying results. I got several very good seedlings, altho entirely different from their parent. (I believe Mr. Baerman has at least one of them under observation now.) And these G. G. seedlings again bore seeds—partly with amazing results.

Which leads up to the second chapter of the tragic story of G. G.

An early August morning many years after the glorious days of G. G. I came as usual—down to my patch of new seedlings, which were in full bloom. I waded thru the colorful field, nodded recognizingly to some fine specimens I already had seen during previous days, and stopped here and there for a closer inspection of some new, promising things just opened up—when I stopped abruptly and stood as if petrified. I was seeing things.

There, in front of me, had arisen out of the great, mysterious nowhere the half-forgotten old G. G. in all its refined glory. It stared at me just as G. G. of old, and I thought it said to me, reproachingly: "Why, don't you remember me?"—As if I had forgotten dear, old G. G.! I felt ashamed.

But on closer inspection it was evident that this was *not* G. G. after all, altho the close relationship was unmistakable. The color was different: while G. G. was ivory, this new one was pure snow-white, but the throat marks were practically the same and likewise the ruffling of the petals. The shape also was a little different. The new glad had even more perfectly rounded blooms than G. G.; while the latter had had exceptionally broad petals, they were somewhat pointed, which, by the way, did not detract from its beauty. Enormous as the size of the new creation was, I believe G. G. had a trifle the better of it in this respect. The height of the plants from the ground to the tips was exactly the same, 67 inches. And both the two close relatives, the old and the young, gave the same

impression of perfection and exquisite beauty.

At digging time in the fall we lived thru the same excitement as when we first dug G. G. many years previous. But this time the bulb was strong and fine and first class in every way with plenty of good bulblets. The future of the new creation was assured.

The reader has no doubt guessed by now that this new edition of G. G. is the one which the past year has become known far and wide under the name of *Solveig*.

Poor old G. G.! It shone forth in its clear, classic, captivating beauty and gladdened our hearts for a few short seasons—and then faded away into obscurity. But I feel that it fully deserves the "In Memoriam" I have tried to pen in the above few lines. For—as stated above—it did not die in vain. It became the grandmother of *Solveig*.

Now, after the inquirers have read the above ramblings, they will tell me that they have not learned so very much about the origin of *Solveig* after all. . . . True, I admit. I have not even revealed the origin of G. G. because I can't. I have no record of it, but I feel sure that several generations before *Peace* and *Glory* had something to do with it.

And even if I could tell you the parents of *Solveig* it would not mean anything to you and it would not enable you to try to repeat the experiment with any hope of attaining approximately the same result, because *Solveig's* parents are my own seedlings thru many generations, perhaps seedlings that never reached outside of *Decorah*.

One of *Solveig's* parents, is of course, a seedling of the departed G. G. No doubt about that. The other parent is one of my own seedlings also.

So you will have to be satisfied with the above story "as is".

Christian Prestgard

[The gladiolus pictured on page 2 is G. G.; the one on this page is *Solveig*.]



Colonial Gardens' Introductions for 1933

Pursuing our policy of introducing only an extremely limited number of new gladioli each season, and those only when of outstanding quality, we take pleasure in presenting this year two new Decorah originations, both of which possess in a marked degree the three qualities necessary to justify the launching of a new variety into the already over-populated glad world: exceptional beauty, unquestioned distinctiveness, and fine performance.

DR. C. HOEG

Among the numerous seedlings of the late Dr. Christian Hoeg (Mr. Prestgard's partner in the Decorah Gladiolus Gardens for twenty-seven years) that were acquired by the Colonial Gardens, was one which greatly eclipsed all the others. It seemed appropriate that this excellent variety,—undoubtedly the finest ever produced by the late Dr. Hoeg and probably the last of his seedlings to be offered the glad fraternity—should bear his own name, and a suggestion to this effect to Mrs. Hoeg and Mr. Prestgard met with their hearty approval.

Appropriate too, since so much of the Doctor's hybridizing had been done in this color class, is the fact that DR. C. HOEG falls into the first division of our catalog: the Dark Red class—a division in particular need of strengthening. DR. C. HOEG may be described as a rich maroon of unusually glistening texture, and differing from all other dark reds in the exceptional roundness of its florets. It is not as dark as *Moorish King* or *Morocco*, being almost exactly the shade of *Thomas A. Edison (K.)*. Aside from the possession of fine color, plus a sheen which is unsurpassed by any other glad in any color class, DR. HOEG has an exceptional feature all its own: around the extreme edge of each petal there is a fine hair line of silver grey, which confers a touch of real distinctiveness. We have had this glad 60 inches tall with 24 buds. Local flower lovers who have seen the hundreds of varieties grown by the Colonial Gardens, and who prefer the dark shades, have pronounced this the most beautiful glad we grow. We feel sure that DR. C. HOEG is destined to achieve great popularity.

No. 1 No. 2 No. 3 No. 4 No. 5 No. 6 Blts.
Prices:—\$10.00 8.00 6.00 5.00 4.00 3.00 2.00



SWEETHEART

In past years several different glads have been given this name. A lapse of several years, however, finds none of them in commerce; so that we do not feel that we are taking too great a liberty in adopting for Mr. Prestgard's finest primulinus seedling a name which seems to belong to it so inevitably.

SWEETHEART, which is slightly larger than most primis, opens from three to six florets at one time. The accompanying picture well reveals its exceptional charm of form. When to this is added a pink and white coloring of the sprightliest exquisiteness, a proper conception of its outstanding beauty may readily be reached. The foundation color of this flower is an immaculate snowy whiteness (without throat markings of any kind), flushed near the edges of the petals with a tint of Hermosa pink that has the unique feature of being both very pale and very bright. This paradoxical vividness of the delicate, shell-like pink of SWEETHEART may be accounted for by the absence in its make-up of even the iota of pearly grey ordinarily present in most floral colors, tho imperceptible, except when checked by Ridgway's. . . . The substance of SWEETHEART is unusually opaque, bland, and waxy. Like *Dr. C. Hoeg*, this glad is an excellent propagator.

With perfect growing habits, exceptional beauty, and an increasing realization among flower lovers of the superior decorative value of the smaller varieties, SWEETHEART, we believe, should prove an outstanding favorite of the florist as well as of the discriminating fancier. Being somewhat larger than the ordinary prim, SWEETHEART should have a strong possibility of becoming the long-anticipated successor of *Mrs. Dr. Norton*.

Price for 1933: \$5.00 per bulb of any size. (No bulblets for sale.)

Aside from these two outstanding glads, we have several other very good sorts in sufficient stock to warrant introduction in 1933. These glads would ordinarily be priced in the neighborhood of \$1.00 to \$2.00 apiece. However, rather than add to the al-

(Continued on page 23)

Kenzan Flower Holders

It is pretty generally admitted among flower lovers that glads are one of the hardest flowers to vase. On account of their weight, it is difficult to make them stay at the right angle in the bouquet. The result is that unless one takes considerable time arranging them, the effect is likely to be a little "stiff".

Since the pleasure derived from flowers in the home depends about half on the vasing and half on the flowers themselves, we had been looking for several years for a type of vase which would make it possible to obtain artistic effects with glads, both *easily* and *quickly*. We had tried a great many vases without much success and had just about decided that difficulty in vasing was a drawback that glads were meant to have, when—from an entirely unexpected source—came a device which solved the problem to perfection. Strangely, it wasn't a vase at all, but a device which the Japanese have recently developed as an aid to their particular art of floral arrangement. It may be placed inside of either a tall vase or basket, but is probably even more effective when placed in a shallow dish and the glads, together with a few leaves, placed in a position to suggest their natural way of growing.

You will see from the illustration that these Japanese flower holders resemble in principle the glass or wire "frogs" already in use in this country. The latter, however, are useless for glads, because they are too light to support them. These Kenzan flower holders, which are from 2¼" to 4½" in diameter, are made of an alloy of lead so heavy that a spike several feet long will be easily held in place without tipping. All that is necessary is to have a clean, fresh-cut stem to press down on the prongs. And spikes may be placed onto the holder AT ANY ANGLE and will stay just as put. Glad lovers will be pleasantly surprised at the almost magical facility with which this holder enables them to get any desired effect. By the use of it any amateur can quick-

ly learn to equal the results secured by the expert florist.

One of the most artistic displays at the Los Angeles glad show consisted of an oval bronze tray about eighteen inches long with a few brown stones breaking at random the surface of the water, and, rising from a quite-concealed Kenzan holder near one end, five spikes of a lovely salmon-pink glad, plus a few leaves, blooming there is graceful informality.

The Colonial Gardens takes great pleasure in calling this new vasing device to the attention of the gladiolus world. We believe that every glad lover will eventually want several of these holders for use in his own home. These Kenzan holders may be used equally well for iris, tulips, dahlias and dozens of other flowers. They will increase immeasurably the pleasure of using flowers in the home. Being made of brass and an alloy of lead, there is nothing about them to rust, bend, or break, so that they should last a lifetime.



KENZAN HOLDERS
are ideal for tip bouquets

Priced at:

Small round (No. 1).....\$.60

Large two-moon (No. 2) 1.10

(Interlocking; may be used together or separately)

Large round with water rim (No. 3)..... 1.25

Special Offer for 1933

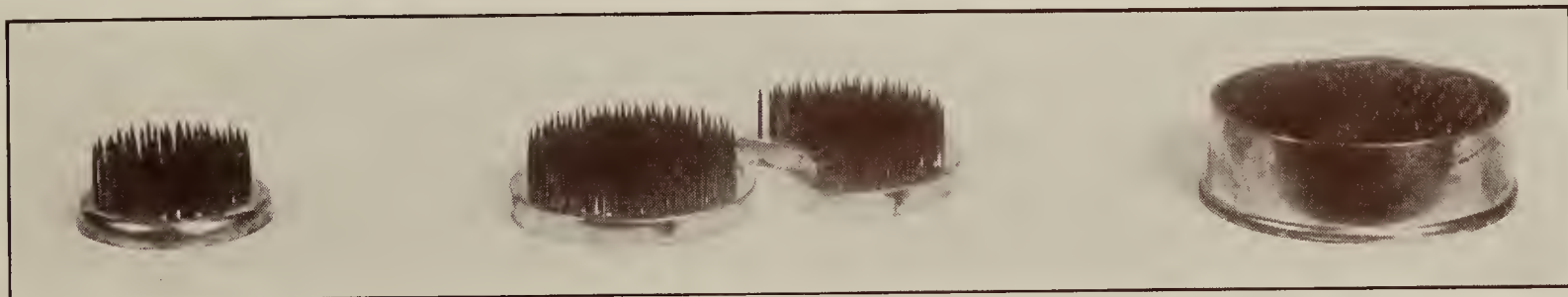
As a special offer for this depression year, to help the glad business get around that prosperity corner, the Colonial Gardens is going to offer these valuable Kenzan Flower Holders free with orders, as follows:

No. 1—free with a \$3.00 order.

No. 2—free with a \$5.00 order.

No. 3—free with a \$7.00 order.

You may secure several of these Kenzan holders, if you wish, depending on the size of your order. Thus, an \$8.00 order will entitle you to Nos. 1 and 2, a \$12.00 order to Nos. 2 and 3, etc. Holders will be shipped with your bulbs and not separately. See also the special alternative slide-rule offer on page 29.



No. 1

No. 2

No. 3

(The above illustrations are about one-third the actual diameters.)

Foreword to General List

Please Read This Important Explanation of Our Catalog



THE issuing of our first *Gladiolus Fanciers' Catalog* last year was admittedly very much of an experiment. The success of the experiment, however, is something which we are happy to report. The virtual doubling of our mailing list in one season plus the hundreds of appreciative letters received was a response more gratifying than had been anticipated.

We are continuing our system of recommendations this year substantially without change. The same strong effort at a strict impartiality is being maintained. The experiences and observations gathered on a trip last summer through all the more important glad growing states (excepting New England) including visits to several major shows and to the gardens of many leading hybridizers and growers have been reflected in the data and descriptions of this 1933 catalog, and should serve to heighten its accuracy and improve its usefulness.

One of the strongest impressions gathered on last summer's trip was the great variability of many glads in different climates and on different soils. This fact, though generally known, becomes especially evident in a rapid visiting of many different localities. The conclusion to be derived is, of course, the necessity of every fan making his individual choice of varieties suited to his locality (as well as to his individual taste) over and above necessarily generalized recommendations, however accurate and impartial in themselves.

Another significant observation—though even less original—is the degree to which the quality of gladiolus blooms are dependent on water. On the Pacific Coast, where irrigation is practically universal, or in Ontario where the atmosphere is naturally cool and humid, the general quality of bloom is very high. And elsewhere, in the Mississippi and Ohio valleys, where irrigation is not generally practiced, one could almost chart the amount of rainfall received by the quality of the gladiolus blooms and the length of the spikes. Culture is still a strong half of flower production, and how largely dependent the gladiolus is on plenty of water for the achieving of its real perfection is a fact never to be lost sight of.

Inasmuch as professional employment, outside of my work with the Colonial Gardens, takes up a major share of my time, I feel that I should take this opportunity of expressing my appreciation of the many kind and valuable letters received from fanciers both in America and abroad. All such correspondence is a pleasure and my only regret is that a scarcity of time, as accounted for above, makes it impossible to handle the correspondence, which has been very extensive, as promptly as one would wish. . . . I am pleased to report that the Colonial Gardens, which was rather swamped with the orders received last spring, plus the necessity of keeping 3,500 items in stock, has secured expert help to handle this part of our glad enterprise during coming seasons.

The following is a complete key to our tabulated data and recommendations:

Key

All recommendations are based on beauty, performance, and distinctiveness.

If you are a typical fancier—preferring the large exhibition type of flower but also enjoying some smaller ones, willing to fuss with an occasional temperamental beauty, but appreciating regular cut-flower performance—go by the *SIZE OF TYPE* in which variety names are printed, in making your selections.

If you are primarily an exhibitor, interested in giant flowers, pay more attention to the *SIZE COLUMN*.

If you are a commercial grower and want the most regular performance and good cut-flower qualities, go by the *NUMBER OF ASTERISKS* after the names.

From the standpoint of the typical fancier, we have listed:

- 100 Super Glads (in heavy capitals)
- 200 Group A Glads (in light capitals)
- 200 Group B Glads (in regular type),

making a total of what we believe to be the 500 leading varieties for 1933.

All data as to year of introduction was secured direct from the originators, which fact enabled us to fill in many of the blanks appearing in the *Nomenclature* and to correct numerous inaccuracies. Blooming seasons were also received from all originators and correlated with our own and other records.

The scale for size includes size of florets, number open at one time, and length of flower-head—in other words, *general size effect*:

- EEE means about as large as *W. H. Phipps*
- EE " " " " " *Dr. F. E. Bennett*
- E " " " " " *Golden Dream*.

Substance or thickness of petals, which is usually, but not always, an important feature in the beauty of a glad, is rated as follows:

A	"	very heavy (as <i>Purple Glory</i>)
B	"	heavy (as <i>Dr. Bennett</i>)
C	"	moderate (as <i>W. H. Phipps</i>).

Commercial merit is indicated by asterisks:

***	"	excellent as a cut flower
**	"	very good " " " "
*	"	fair " " " "
—	"	requires careful handling or growing or has poor color for florists' use.

"Unit Price" means for one young No. 1 bulb. In ordering you may select any size and quantity from the complete price schedule on the inside back cover of this catalog.

Some glads have been selected from each color class for inclusion in the First Hundred or Super Glad group. If you do not care for some colors, or dislike Prims, they are not in the First Hundred for you. Every fan should select his own First Hundred. The 100 Super Glads in our list do not exactly suit my personal taste—perhaps 90 of them would—but they represent what I have found by correspondence and other means to be what the consensus of expert opinion considers the leading varieties of today.

Tastes vary—and it is a happy fact that they do. But tastes **correspond** far more than they vary. And it is that fact which I believe gives our catalog value.

Flowers being in the common estimate a luxury—tho in the minds of flower lovers a necessity in very certainty—it is only natural that the gladiolus industry is suffering to-day a considerable recession of its previous prosperity, along with almost every other business. Although present gloom may be justified, I want to point out an impending change in our national habits of the greatest significance to the gladiolus industry (and to many others) which makes the future look very rosy indeed.

Up to about one hundred years ago it was customary in town or country for laborers to work fourteen hours a day, from sunrise to sunset, with artificial illumination called in during the winter months to lengthen the day. Factory workers would tramp to work in winter, hours before daylight appeared. Needless to say, when such a day's work was done, the laborer was content to do little more than sup, and retire.

About 1830, however, agitation resulted in the adoption of the twelve and later the ten-hour day. More agitation and more machinery resulted in the eight-hour day, which has generally prevailed during

the past generation—for urban workers at least. We now stand on the threshold of the thirty-hour week—or, if you are a technocrat and believe in the even more complete supplanting of man power by the machine, the sixteen-hour week. But even the thirty-hour week suffices to make our point right here. . . . The chief significance of the eight-hour day over the fourteen was that it enabled the worker to have his evenings free, and enough energy left from the day's work to enjoy this free time. *Just as the past generation has had evenings free for culture and enjoyment, the coming generation is also going to have its afternoons free.* The business of making a living will cease to be the major human interest here in America and the business of living will take its proper precedence. A few very difficult years of transition doubtless impend, but the change once accomplished will be the most significant advance to date in the history of our civilization.

But what has all this to do with the flower business? Just this: the doubling of usable leisure time for millions of people (with their income sustained) is going to mean (outside of some waste, of course) a tremendous multiplication of interest in health, in science, in good books, good music and art, in good talk, travel, beautification of homes, and in the enjoyment of nature—of which flowers form an important part. I for one am willing to be put on record for the prediction that a generation hence one hundred times as many flowers will be grown in America as are to-day. Witness California and some European countries even at present.

So I really feel that the outlook for the gladiolus industry is very rosy indeed. It is true that if this splendid shifting of interest in American life is going to be effected, it is going to be done only at the sacrifice of much of the selfishness that has been to date the major motivating force in our economic life. It will not be an easy change to effect, and as far as glad growers or anyone else becoming one hundred times as rich in that new day is concerned, the very advent of the new day depends on a subordination of interest in the puerile acquisition of individual financial wealth, and a recognition of how rich we already are—in friends, in the abundance of beauty and wealth bestowed by nature, in everything that really counts. And may I inquire whether there is any other industry in America that already realizes more fully than the flower industry that the financial end is really secondary or is more fully aware that the friendships between growers and patrons and their mutual enjoyment of new creations of great beauty are much the more important part?

Ralph Baerman

Rushford, January, 1933.

CLASS 1—DARK RED VARIETIES

SUPER GLADS (Heavy Capitals) GROUP A GLADS (Light Capitals) GROUP B GLADS (Regular Type)

BLACK MAROONS AND MAROONS

Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies
Hoeg	1933	E	B	DR. C. HOEG**	\$10.00	Pl.	M	10,12 ..
Crow	1930	E	B	EXPLORER	1.50	Pl.	EM	21
Hoeg	1925	E	B	GETTYSBURG* .....	.15	Pl.	M	21,23 ..
Kunderd	1930	E	B	Monnie .....	.40	Pl.	M	21
Prestgard	1928	E	B	MONTENEGRO* .....	.10	Pl.	M	.....
Pfitzer	1929	EE	A	MOORISH KING*	2.00	Pl.	ML	23
Pfitzer	1928	E	B	MOROCCO*	.12	Pl.	EM	10
Errey	1921	E	C	Nimrod .....	.08	Pl.	M	.....
Kunderd	1927	E	B	THOMAS A. EDISON (K)*	.75	Ruf.	EM	5,21 ..

CLASS 2—RED VARIETIES

RED SELF-COLORS OR NEAR SELFS.

Fallu	1929	EE	A	BILL SOWDEN**	.35	Pl.	M	.....
Pfitzer	1929	EEE	B	COMMANDER KOEHL	.25	Pl.	ML	10
Betscher	1916	EE	B	CRIMSON GLOW**	.05	Pl.	M	5
Alkemade	1922	EE	B	Illuminator .....	.10	Pl.	M	3
Kunderd	1918	E	B	Lustre* .....	.10	Pl.	M	.....
Brown, C. W.	1931	EE	B	MASSASOIT**	.35	Pl.	EM	.....
Purple	1926	EE	B	OH BOY .....	.75	Pl.	ML	19
Kunderd	1922	E	B	RED FIRE**	.05	Pl.	M	.....
Ellis-Piper	1926	EE	A	RED GLORY*	.07	Ruf.	M	4,24 ..
Kunderd	1928	EE	A	RED SPLENDOR*	.25	Ruf.	EM	19
Prestgard	1929	E	A	ROALD AMUNDSEN**	.15	Ruf.	ML	.....
Lemoine	1906	EE	B	Rouget De Lisle .....	.25	Pl.	ML	23
Groff	1915	EE	B	Scarlet Wonder*	.05	Pl.	M	7

REDS WITH WHITE OR CREAM THROATS

Errey	1918	EE	C	Ensign .....	.15	Pl.	ML	.....
Mair	1923	EE	B	GLORIOSA .....	.25	Pl.	M	8
Mair	1918	EE	B	KING GEORGE*	.10	Pl.	EM	.....

Complete Key to Deficiencies

- ? Rating subject to change upon further trial.
1. Sometimes flecks.
2. Lacks purity of color.
3. Throat marking not ideal.
4. Fades.
5. Burns in hot weather. (Bloom indoors.)
6. May crook in hot weather.
7. Produces short flower heads in dry seasons. (Irrigate.)
8. Weak stem; may lop over in field.
9. Sometimes comes opposite-flowered.
10. Florets sometimes grow around stem.
11. Sometimes shows stem between rows of florets.
12. Florets sometimes face upwards.
13. Florets not widely open.
14. Florets too hooded.
15. Florets rather crowded.
16. Florets too loosely attached to stem.
17. Inclined to be floppy.
18. Opens only two or three florets at a time.
19. Variable. (Give good culture.)
20. Produces small percentage of representative blooms.
21. Plant below average height. (Not necessarily a fault.)
22. Does not bloom out well in water.

23. Slow propagator.
24. Poor germinator. (Try sulphuric acid.)
25. Bulbs subject to disease.
26. Foliage may ripen up early.
27. Spike rangy or loosely built.
28. Bulb has thin husk. (Hardly a fault, but we mention it since we all prefer fine-looking bulbs, tho there is no connection between handsome bulbs and handsome flowers.)
29. Too similar to a superior variety—would otherwise be rated higher.

Do not take the above deficiencies too seriously. Many of them appear only as the result of unfavorable weather or poor culture and will not bother you if you grow your glads well and enjoy an average season.

Also, after observing our ratings, do not make a deduction in your mind for deficiencies, as we have already taken faults into account in making our recommendations. Some Super-Glads may have faults listed after them; we consider these varieties Super-Glads in spite of their faults. Frequently the largest glads, of the richest color and the most distinctive form, may have more specific deficiencies—be more temperamental—than the smaller varieties of more ordinary color and less distinction of form.

Description of Dark Red Varieties

We offer somewhat fewer glads in this division in 1933 than we did last year, but, with the advent of **Dr. Hoeg** and the omission of several of the weaker sorts, there has been an appreciable improvement in the general quality of the class.

Dark red glads are prime favorites with many flower lovers, probably because they represent the richest colorings with which Nature—so lavish toward the gladiolus—has endowed this flower. Outstanding in this quality of richness is the new seedling **Dr. C. Hoeg**, whose petals might be likened to maroon velvet of a glistening silkiness, sparingly frosted around the extreme edge with just a line of silver. While we don't usually think of using glads of this color for floral work, we have found that this variety with its great richness and the roundness and wide-openness of its florets strikes a very valuable new note for this purpose. In this use the finest deep red roses are not more effective. We believe that *Dr. Hoeg* has a real future as a commercial sort as well as a fancier's flower. This variety is an excellent multiplier, having unique large, elongated bulblets that look like nothing so much as giant grains of oats.

Quite different from the preceding, but an excel-

lent flower for the fan is **Moorish King**. Large, close-set, triangular florets make it resemble *Commander Koehl* in form.

We were inclined to omit **Morocco** from the First Hundred for 1933 on the basis of the early blooms it gave us, when along in September a late planting of it surprised us by its quality, so we included it again. Of some credit to it, of course, is the fact that it is unquestionably our darkest glad.

Tho it is not a robust grower, **Thomas A. Edison** is a true aristocrat for beauty, with ruffling that in exquisite precision compares only with that of *Ruffled Gold*.

Almost deserving of inclusion in the First Hundred or Super Glad class is **Montenegro**, a strong grower that impressed us very favorably the past season. It opens about three large florets with petals of generous breadth and rich texture. Similar, but not so tall is **Gettysburg**.

A really interesting newcomer is Crow's **Explorer**, which offers a new note in color: two closely inter-flecked shades of deepest rose-red—much deeper than *Purple Glory*. Florets are close set, making a very neat, conservative-looking spike.

Description of Red Varieties

Competition for first place in the Red class is pretty equally divided between **Bill Sowden** and **Commander Koehl**. The former may be more consistent and can be counted on to produce massive spikes of rich velvety red. At its best, however, *Commander Koehl* strikes me personally, as being the unbeatable red. On certain soils, and in some localities, I have seen *Koehl* come crooked and with poor placement, while elsewhere there would be no evidence of these faults. *Koehl* has a more brilliant shade of red than *Sowden*, and is a taller grower. It has been stated that *Koehl* is a descendant of *Dr. F. E. Bennett*, which Mr. Pfitzer has used extensively in his hybridizing.

Also fine and frequently better than the older *Purple Glory*, of which it is a sport, is **Red Glory**. This glad opens its florets more widely than the parent variety, and seems more velvety in texture.

Another red, of brilliant color and heavy substance is **Roald Amundsen**, which is even more strongly ruffled than is *Red Glory*. Still the finest color, perhaps, in this class is that of **Red Fire**, which some fans consider deserving of a place in our First Hundred.

In Massasoit we have a new red from C. W. Brown, which resembles the old **Crimson Glow** in growth, but has rounder florets, heavier substance, and exemplary heat resistance. This glad has been rather impressive with us.

Rather too garish to be beautiful, but making a typical Lemoine spike is **Rouget De Lisle**.

Vivid, but erratic, is the giant self-color, **Oh Boy**. Surely a close cousin of *Bill Sowden*, tho bred a long ways from it, geographically speaking, is **Red Splendor**.

Older favorites are **Illuminator** (red with a purple feather in the throat), **Lustre** (a fine self-color of silky texture), and **Scarlet Wonder** (a giant that opens but two or three florets in Minnesota, but easily doubles that in cooler, moister climates, such as most glads prefer).

Among the blotched reds **King George** still probably leads, tho some prefer **Gloriosa**. With us the latter seems to have a poor stem. The throat of *King George* is cream; of *Gloriosa*, white. The white-throated scarlets generally seem to take the palm from the reds of this type.

CLASS 3—SCARLETS

SUPER GLADS (Heavy Capitals) GROUP A GLADS (Light Capitals) GROUP B GLADS (Regular Type)

SCARLET SELFS AND NEAR-SELFS

Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies
Christy	1920	EE	B	A. W. Hunt*	\$.08	Pl.	ML	
Roozen	1931	EE	B	CAESAR		Ruf.	M	?
Kunderd	1927	E	B	CHICAGO	.15	Ruf.	E	4,5
Mair	1930	EE	B	David Prior	1.25	Pl.	M	?
Diener	1921	EE	B	DR. F. E. BENNETT***	.05	Ruf.	M	
Kunderd	1928	E	B	EMBLEM	.35	Pl.	EM	
Pfitzer	1931	EE	B	ERICA MORINI**	4.00	Pl.	M	?
Purple	1927	EE	B	FORT SUMTER	.60	Pl.	M	19
Roozen	1931	EE	A	FRILLED CHAMPION*		Ruf.	EM	
Whitley	1927	EE	A	G. J. MCKAY	1.50	Ruf.	M	?
Frietsch	1926	EE	B	GLADNESS**	.75	Pl.	EM	
Pfitzer	1930	EEE	B	GRAF ZEPPELIN	1.25	Pl.	M	16
Errey	1930	EEE	B	HEATHFIELD	3.00	Pl.	ML	?
Pfitzer	1932	EE	B	J. S. BACH*		Pl.	M	?
Kemp	1925	E	B	LORICE*	.07	Pl.	ML	
Errey	1930	EE	B	Lucifer	2.50	Pl.	ML	2
Errey	1931	EEE	C	Morongo		Pl.	ML	2
Kunderd	1930	EE	B	ORANGE FIRES	.25	Ruf.	EM	7?
Kunderd	1922	E	B	Orange Flame*	.08	Ruf.	ML	7,29
Pfitzer	1926	EE	B	PFITZER'S TRIUMPH	.05	Pl.	ML	5,6,16
Briggs	1932	EE	C	RED PHIPPS**	1.00	Pl.	M	?
Pfitzer	1928	EE	C	Stuttgartia	.25	Pl.	M	5,6
Pfitzer	1932	EE	B	TIP TOP**		Pl.	M	?
Pfitzer	1930	EE	B	WOLFGANG VON GOETHE*	1.50	Pl.	EM	

SCARLETS WITH WHITE THROATS

Ellis	1930	EE	B	COMMODORE**	.25	Pl.	EM	
Ellis	1927	EE	B	LADY MACBETH*	.15	Pl.	EM	
Ellis	1926	EE	B	PRIDE OF PORTLAND	.15	Pl.	ML	5
Errey	1919	E	B	VICTOR	.20	Pl.	L	19
Pfitzer	1930	EE	B	WUERTEMBERGIA**	2.50	Pl.	L	

PRIMULINUS GRANDIFLORUS

Hornberger	1926	EEE	B	AFLAME**	.07	Pl.	M	
Neeley	1929	EE	B	SUNSHINE GLOW*	.15	Pl.	E	7

CLASS 4—ORANGES

ORANGES OF ALL SHADES

Vaughan	1930	EEE	B	DEARBORN*	3.00	Pl.	M	3
Kunderd	1927	EE	B	J. HORACE MCFARLAND	.25	Pl.	M	7
Kemp	1925	E	B	MARNIA**	.05	Pl.	M	21
Salbach	1931	EE	B	Mexican Fire Opal	.35	Pl.	EM	13
Pety	1928	E	B	Monte Carlo*	.35	Pl.	M	7
Errey	1927	EEE	B	MRS. S. A. ERREY	.25	Pl.	EM	4,5,15
Kemp	1927	E	B	ORAFLAME	.15	Pl.	EM	21
Roozen	1931	EE	B	ORANGE GLOBE	5.00	Pl.	M	?
Kemp	1927	EE	B	ORANGE WONDER*	.07	Pl.	EM	7
Salbach	1928	E	B	Senorita (S)	.10	Pl.	M	15
Mueller	1929	EE	B	SPIRIT OF ST. LOUIS***	.07	Pl.	E	

PRIMULINUS GRANDIFLORUS

Salbach	1928	E	B	GAY HUSSAR **	.10	Pl.	EM	7
Kunderd	1927	E	B	KING OF ORANGES	.10	Pl.	EM	17
Dusinberre	1929	E	B	LA PALOMA***	.25	Pl.	EM	
Prestgard	1929	E	B	Mandarin**	.10	Pl.	E	6
Salbach	1925	E	B	Nancy Hanks*	.07	Pl.	M	3
Pfitzer	1919	E	C	ORANGE QUEEN***	.05	Pl.	M	3
Austin	1928	E	B	Radiant Orange	.15	Pl.	M	

For Key to Deficiencies, see page 8.

Description of Scarlets

Always strong, the Scarlet class has been further strengthened this year by the addition of several new sorts. We might start with **Tip Top**, one of the new ones from Pfitzer, tho stock of this variety will not be released for sale until the fall of '33. Supposedly Pfitzer's best among last year's offerings, this glad looks really promising. It is a deep true scarlet with small throat markings of red. Substance is glossy rather than velvety. Florets are large, round, and broad-petaled. **J. S. Bach** is also good, making a compact spike of a lighter, slightly salmon, scarlet. Midribs are pronounced and there is a touch of white in the throat. A big, round, soft scarlet—too loosely built to remain in the Super Glad class in the face of *Tip Top*—is **Graf Zeppelin**. Of a slightly different scarlet is the giant, triangular-floreted **Wolfgang von Goethe**. A fine grower is the tall, distinctive **Erica Morini**.

Pfitzer has given us a plethora of fine scarlets. None is more beautiful, however, than the older **Triumph**. The salmon-scarlet tone and melting texture of this variety make it the finest of all scarlets when well grown. Eight six-inch florets open at one time is possible in cool climates.

Red Phipps was in evidence a good many places thruout the country last summer. Everyone seemed to have a good word for it. This glad has a color almost identical with that of Pfitzer's **Triumph**, but is smaller and has a translucent rather than a velvety texture.

Deserving of some real notoriety is the extremely vivid **Gladness**. Perhaps the most brilliant of all scarlets.

Still the finest variety in this color group, if both beauty and performance are to be counted, is **Dr. F. E. Bennett**. This glad is not a success everywhere in Europe, I am told, but thruout America it is a bear for performance, seemingly doing as well in dry seasons as when the weather is ideal. This glad is gen-

erally the basic scarlet planting in the fan's garden as well as the leading commercial in this color group.

In **Caesar** and **Friiled Champion** we have two of the new Roozen seedlings of Pfitzer's **Triumph**. They are similar, the latter being the more ruffled and the deeper in color. *Friiled Champion* stands heat well and does not crook. Our stocks of these varieties are not large enough to make it feasible to offer them for sale until next year.

A scarlet seedling of *Emile Aubrun*, apparently, is **Heathfield**, as is also *Helmsdale*—not offered in this catalog, because we see no need for so many similar sorts. The *Emile Aubrun* family is extensive, *Picardy* being its brightest prodigy, *Marmora* and *Bagdad* and *Red Lory* bright stars, with *Mrs. S. A. Errey*, *Orange Globe*, *Leander*, *Heathfield*, *Helmsdale*, *Hampden*, *Marechal Fayolle*, *Pirate*, *Tawhaki*, *Colbert*, *Paul Cambon*, and probably others completing its numerous progeny. I do not know whether **Lucifer** should come in the above group or not. Mediocre color keeps it from rating higher. I cannot help feel that the trend in glads is going to be toward less attention to size or number of open florets and more to purity and richness of color.

A strong sub-group of the scarlet class consists of those with white throats. *Wuertembergia* is especially impressive for its giant florets, tho three or four are about all that can usually be had open. **Victor** has a throat of the purest white, in vivid contrast to its velvety scarlet. **Pride of Portland** (of Phipps parentage, if I recall correctly) is almost a scarlet-pink. **Commodore** and **Lady Macbeth** from the Ellises are also excellent.

Outstanding for size is the winged **Aflame**. The Colonial Gardens displayed at the Minnesota state show a spike of this variety that measured 80 inches tall. . . . Butterfly-like **Sunshine Glow** is unique in the graceful poise of its large cream-throated florets on its thin, wiry stem.

Description of Oranges

Of the three leading orange glads, **La Paloma** comes nearest being a true orange in color, tho it is not as large a variety as one might wish. **Spirit of St. Louis**, a stalwart for performance, is a trifle subdued in color. **Orange Wonder**, a very vigorous grower, is more of a salmon than an orange. The orange class, in fact, still offers an abundance of opportunity to the hybridizer, with few good things apparently in prospect.

After waiting several years in vain to grow or see at a show a really perfect spike of *Mrs. S. A.*

Errey, I concluded that the quality of this variety was rather mythical and removed it from our Super Glad class. **Orange Globe** is similar but seems a better performer. . . .

Very good low-priced oranges are **Marnia** and **Orange Queen**. **King of Oranges** is unsurpassed in richness of color. **Oraflame** is an attractive orange-yellow. Rather more formidable than beautiful is giant **Dearborn**. **Mandarin** can be extraordinary—a velvety orange with golden throat; without good culture it looks like an ordinary prim.

CLASS 5—YELLOWS

SUPER GLADS (Heavy Capitals)

GROUP A GLADS (Light Capitals)

GROUP B GLADS (Regular Type)

YELLOW SELFS AND NEAR-SELFS

Originator	Year	Size	Substance	Unit Price	Type	Season	Deficiencies
Kunderd	1927	E	B	Beauty Wave	\$.20	Ruf.	M
Vaughan	1929	EE	B	CADILLAC	1.25	Pl.	EM
Errey	1927	EE	B	CANBERRA **	.25	Pl.	L
Pfitzer	1932	EE	B	GATE OF HEAVEN*		Ruf.	M
Hoeg	1920	E	C	Gold	.05	Pl.	EM
Austin	1927	E	C	Gold Eagle*	.05	Pl.	E
Ellis	1929	E	C	GOLDEN CHIMES*	3.00	Pl.	EM
Palmer	1932	E	B	GOLDEN CUP***	2.50	Pl.	M
Groff	1923	E	B	GOLDEN DREAM ***	.05	Pl.	ML
Cameron	1929	E	B	Golden Glow	.50	Pl.	M
Kelway	1908	E	B	GOLDEN MEASURE*	.05	Pl.	ML
Pfitzer	1927	E	B	Heliosa	1.25	Ruf.	M
Kunderd	1927	E	C	K's Yellow Favorite**	.05	Pl.	EM
Austin	1928	E	B	LOYALTY	.12	Pl.	M
Salbach	1927	E	C	PRIMROSE PRINCESS*	.08	Pl.	M
Kunderd	1929	EE	B	STAR LILY*	.25	Ruf.	M
Austin	1928	E	B	TOBERSUN ***	.20	Pl.	ML
Pfitzer	1928	E	C	YELLOW PERFECTION	.50	Pl.	M
Pfitzer	1926	E	C	Yellow Wonder	.50	Ruf.	ML

YELLOWS WITH PRONOUNCED THROAT BLOTCHES

Kunderd	1929	EE	B	GOLDEN ANNIVERSARY*	.35	Pl.	M
Kunderd	1930	E	B	LUXURY*	.50	Pl.	M

PRIMULINUS GRANDIFLORUS

Prestgard	1930	E	B	E. I. FARRINGTON***	.10	Ruf.	EM
Crow	1929	E	C	Goldfinch	1.00	Pl.	EM
Crow	1929	E	C	Magnet	.75	Pl.	EM
Crow	1929	E	B	PRIMATE ***	.15	Pl.	M
Goodrich	1926	E	C	RUFFLED GOLD	.12	Ruf.	EM
Palmer	1931	E	B	SPRAY OF GOLD***	.75	Pl.	E

CLASS 6—CREAM, BUFF, and FLESH VARIETIES

CREAM

Graetz	1919	EE	C	Belinde	.07	Pl.	M
Hoeg	1927	E	B	DOROTHY VERNON**	.07	Pl.	EM
Pfitzer	1931	EE	C	Dr. Durr	4.00	Pl.	EM
Kunderd	1921	EE	C	FERN KYLE	.05	Ruf.	EM
Salbach	1930	EE	B	MAGNA BLANCA	.75	Pl.	M
Stevens, H. W.	1931	EE	B	MARY ELIZABETH *	2.00	Ruf.	M
Errey	1925	EE	C	Melissa	.35	Pl.	EM
Pfitzer	1928	EE	C	MRS. ANNA PFITZER	.60	Ruf.	M
Miller, D. R.	1930	EE	C	MRS. RAY P. CHASE	.75	Pl.	EM
Kirchhoff	1926	E	B	Shasta	.20	Ruf.	ML
Mair	1931	EE	C	SHEEN	3.00	Pl.	M

BUFF

Austin	1928	E	B	Helen Howard*	.08	Pl.	M
Kunderd	1928	E	B	Ne Plus Ultra	.25	Ruf.	EM
Kunderd	1921	E	B	Twilight**	.05	Ruf.	M

FLESH

Pety	1930	E	B	Amity*	.50	Ruf.	EM
Kunderd	1931	E	C	Anna Mae	.25	Pl.	M
Gilrey	1929	EE	B	BENTLEIGH*		Pl.	M
Kunderd	1931	E	C	CREAM CUPS	.35	Pl.	M
Mair	1920	EE	B	QUEEN MARY	.50	Ruf.	M
Ellis	1926	EE	C	Rippling Waters	.25	Pl.	EM
Kunderd	1932	E	B	ROSCOE HUFF*	1.50	Ruf.	EM
Diener	1917	EE	B	WM. KENT	.07	Ruf.	L

CREAM WITH PRONOUNCED THROAT BLOTCH

Lemoine	1908	EE	B	La Couronne	.10	Pl.	E
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PRIMULINUS GRANDIFLORUS

Palmer	1932	E	C	DUNA *	5.00	Pl.	M
Palmer	1931	EE	C	FLOSELLA*	1.50	Pl.	M
Crow	1930	EE	A	HERCULES *	10.00	Pl.	M
Prestgard	1929	E	B	LOTUS *	.25	Pl.	EM
Kunderd	1922	E	C	Ming Toy*	.05	Pl.	E
Palmer	1932	EE	B	WASAGA ***	5.00	Ruf.	M

For Key to Deficiencies, see page 8.

Description of Yellows

The question of what is the best yellow is always a live topic for argument when glad fans get together. While we are still staunch for *Golden Dream*, I want to say a word for the extraordinary beauty that *Ruffled Gold* can display when it so desires. The past season this glad fairly outdid itself in our locality, displaying a distinction of ruffling that made it eclipse in beauty any other yellow I have ever seen. Compared to the incredible grace and precision of form that *Ruffled Gold* can display, *Phipps*—forgive the heresy—does look a bit slovenly. It is a Paris gown, indeed, that *Ruffled Gold* displays.

Golden Dream is excellent, however, for vigor and reliability. Recurved petals give it, too, a uniquely attractive form. This fine glad can now be enjoyed in quantity. . . . Not quite so rich in color, but large and an equally vigorous grower is *Primate*. *Golden Cup* from Mr. Palmer is another excellent yellow, with round florets; a reliable performer. *E. I. Farrington* is a heavily ruffled yellow that is also ideal for commercial use.

Cadillac is a large yellow that can be fine upon occasions, but which comes opposite-flowered about 25% of the time. . . . Extra as a show flower is *Canberra*, which can make a *EEE* spike. Light yellow. . . . Deeper is Pfitzer's new *Gate of Heaven*, happily named from Shakespeare's "Hark, hark the lark at heaven's gate sings. . . ." This is said to be fine, but I have seen too little of it to be able to judge accurately. *Golden Chimes*—light yellow with deeper throat—is a lovely thing and seems to be a fine grower. Still very good is the old-reliable *Golden Measure*. A light yellow that has been fine with us is *Star Lily*. It is unlike any other yellow, with triangular florets that are heavily ruffled. Especially interesting as a blotched variety is the rich yellow *Luxury*, with its small ruby blotches.

This year an individual description of each of the 500 varieties listed in our catalog is not being attempted. It seemed more worthwhile to utilize the same space for a more extended write-up of the better, newer, or more interesting sorts.

Description of Cream, Buff, and Flesh Varieties

A really impressive class, this year, is the C. B. F. group. Yet the accretion of strength to this division is not so much the result of the arrival of fine new sorts, as the result of transferring several other Super Glads to this class. Compared to last year, we have added *Lotus* (moved hither from the Light Pink group) and *Wasaga* (transferred from the Salmon-Pink, where it seemed too light an apricot shade properly to belong), *Hercules* (elevated to the First Hundred), and *Duna* (new). We predict that the C. B. F. class, still holding open unusual opportunities for the securing of distinctive new shades of the greatest beauty, will be one of the color divisions most exploited by hybridizers in the next few years.

I think there is but little argument among glad fanciers that *Queen Mary* is the finest glad in this group, and one of the most beautiful varieties in existence—certainly one of the first ten. Yet out of a dozen bulbs one would be lucky to get one perfect spike. (Mair's varieties seem to want plenty of water and fertilizer.) *Queen Mary* is a large glad of an exquisite cool flesh color, with round florets, dainty ruffling, and a delicate, fragile air. The only thing like it is *Rosemarie Pfitzer* (in the L. P. group).

Other glads, for the description of which it is a pleasure to unleash the imagination (in no case able to do them justice, however free the rein) are *Lotus* and *Wasaga*. I should place them both in the first dozen or so along with *Queen Mary*; but without, as in the case of the latter, apologies for their performance. Last year I waxed as enthusiastic as I dared about *Lotus*, and felt rather audacious about placing so unheralded a glad in the First Hundred, but the numerous enthusiastic reports which have come in the past summer about this variety have provided ample corroboration for such a rating. One customer writes that *Lotus* would have won the Grand-Cham-

pionship at one of the major shows on the Pacific coast, but was ruled out on some technicality regarding its registration, so that the award for finest spike in the show went to *Picardy* instead. This news was a bit surprising even to us, since *Lotus* is usually hardly in the running with *Picardy* on account of the difference in size. And yet others have told us of the impressive size to which they have grown *Lotus*. We moved this exquisite combination of shell pink, white, and cream into this class to be in line with the A. G. S. classification, it being practically a toss-up in reality whether it should be here or in the Light Pink Class.

An Award of Merit given to this variety the past summer by the Royal Horticultural Society of Great Britain confirms the outstanding beauty of *Lotus*.

On account of the demand for this variety which started in last August, we were faced with the necessity of either raising the price (*Lotus* having been introduced at a ridiculously low figure) or of withholding planting stock and bulblets for a year. Rather than raise the price, we therefore decided to release only Nos. 1, 2, and 3 bulbs of *Lotus* this year. Please do not order smaller sizes or bulblets (except by the package).

Wasaga (*Apricot Glow* X *Mrs. Sisson*) is another glad to rave about. Mr. Palmer had two or three dozen spikes of this beauty on display at the Canadian show—all up to the three spikes which won the First Class Certificate at Cleveland in 1931. This glad is a fine grower, and possesses a tint of light yellow-pink, or apricot-buff that is quite unique and very beautiful. An exquisite frilling adds distinction of form.

To contradict myself before the words are fairly cool, I should say that there is one other glad which
(Continued on page 19)

CLASS 7—WHITES

SUPER GLADS (Heavy Capitals) GROUP A GLADS (Light Capitals) GROUP B GLADS (Regular Type)

PURE WHITES AND WHITES WITH INCONSPICUOUS THROAT MARKINGS

Originator	Year	Size	Substance	Variety	Unit	Price	Type	Season	Deficiencies
Pfitzer	1927	EE	B	ALBATROSS		\$.35	Pl.	M	12, 16..
Prestgard	1918	E	C	Carmen Sylva**		.05	Pl.	ML	
Berthoud	1927	EE	B	Giant Pearl		2.00	Pl.	M	7.....
Salbach	1926	E	B	HELEN WILLS**		.07	Pl.	M	
Joerg	1924	EEE	C	JOERG'S WHITE*		.07	Pl.	M	3, 28..
Pfitzer	1928	EEE	B	JONKHEER VAN TETS*		.50	Pl.	M	10.....
Gilrey	1929	EE	B	LILYDALE*		2.00	Pl.	M	?.....
Pfitzer	1922	EEE	B	MAMMOTH WHITE*		.20	Pl.	M	15.....
Kunderd	1918	E	C	MARIE KUNDERD*		.05	Ruf.	E	21.....
Austin	1929	EE	C	Mary O'Mine		.12	Pl.	M	16, 17..
Hornberger	1925	E	C	MRS. F. C. HORNBERGER*		.05	Pl.	L	7, 21....
White	1930	EEE	C	MRS. FRANK WHITE		.50	Pl.	ML	2.....
Pfitzer	1929	E	B	QUEEN LOUISE*		.50	Pl.	ML	
Prestgard	1932	EEE	A	SOLVEIG***	40.00	Ruf.	L		
Prestgard	1930	EE	B	SONJA	.25	Pl.	M		
Pfitzer	1932	EE	B	STAR OF BETHLEHEM**			Pl.	M	?.....
Vaughan	1927	EE	C	VAUGHAN'S WHITE**	.20	Pl.	M		7.....
Pfitzer	1926	EE	B	WHITE PEARL*	.25	Pl.	L		23.....

WHITES WITH PRONOUNCED THROAT BLOTCHES

Briggs	1926	EE	A	CORONADO	.15	Ruf.	M	19, 21..
Prestgard	1930	EE	B	EARL BENBOW	.50	Pl.	M	19, 23..
Fischer	1919	EE	C	HENRY C. GOEHL*	.05	Pl.	EM	
Kunderd	1921	E	A	Hollyhock	.20	Ruf.	ML	7, 18, 21
Lemoine	1922	EE	B	Madam George Boulay*	.40	Pl.	EM	29.....
Lemoine	1908	EE	B	MADAM MOUNET-SULLY*	.12	Pl.	EM	
Lemoine	1920	EE	B	ODALISQUE*	.50	Pl.	M	
Leifer	1929	E	B	S. A. Kurtz	.20	Ruf.	ML	19.....
Kunderd	1915	E	B	Snow Boy*	.10	Ruf.	ML	7.....
Gelser	1930	EE	B	WHITE KNIGHT**	.50	Pl.	M	

PRIMULINUS GRANDIFLORUS

Pfitzer	1930	EE	B	MAID OF ORLEANS**	1.50	Pl.	M	
Stevens, F. H.	1929	EE	B	MIBLOOM**	.20	Pl.	E	10.....
Purple	1926	E	B	WHITE ORCHID**	.25	Ruf.	E	

CLASS 8—PURE-PINKS

PURE PINK SELFS AND PURE PINKS WITH WHITE THROATS

Prestgard	1926	EE	B	CHARLES LINDBERGH	1.00	Pl.	M	23.....
Hoeg	1930	EE	B	DECORATION***	.20	Pl.	M	
Swartley	1928	E	C	Elizabeth Swartley**	.05	Pl.	EM	
Briggs	1927	EE	B	Frank J. McCoy*	.20	Pl.	L	10, 29 ..
Christ	1930	EE	B	FRANZ SCHUBERT	.35	Pl.	EM	?.....
Austin	1929	EE	B	Gallant Leader*	.25	Pl.	M	
Coleman	1921	EE	B	GIANT NYMPH***	.05	Pl.	M	
Alkemade	1927	EEE	B	Impressive	2.00	Pl.	EM	17.....
Mair	1927	EEE	C	JESSIE	.50	Pl.	EM	1.....
Errey	1925	EE	B	LAIDLEY*	.25	Pl.	M	19.....
Prestgard	1924	E	B	LONGFELLOW*	.05	Pl.	ML	21, 7 ..
Gage	1922	EE	B	Maurice Fuld	.15	Pl.	ML	19.....
Kingsley	1926	EEE	C	PEARL OF CALIFORNIA	.10	Pl.	ML	1, 21....
Groff	1916	E	B	Prosperity***	.05	Pl.	EM	
Fischer	1919	EE	B	SOPHIE FISCHER		Pl.	M	19.....
Miller, Mrs. O. H.	1927	EE	B	WINGS OF THE MORNING*	.40	Pl.	EM	?.....

PRIMULINUS GRANDIFLORUS

Kunderd	1921	E	B	Shell Pink**	.05	Pl.	EM	
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For Key to Deficiencies, see page 8.

Description of Whites

Still supreme in the white class by a wide margin is *Solveig*, which seemed even finer, if possible, when it bloomed the past summer, than in previous years. Unfortunately, however, the unusually late spring prevented our having this variety in bloom in time to hit most of the major shows where we had planned to display it. Those who saw *Solveig* at Cleveland, where it won the only First Class Certificate awarded by the A. G. S. for exhibition glads in sixteen years and where it was admittedly the outstanding variety of the show, will be pleased to know that the spikes displayed at the Minnesota show in 1932 were equal or superior in quality to those shown at Cleveland. Several spikes were exhibited, one of them winning the Grand-Championship as best spike of the show. Another spike, cut to show the full height of the plant, measured sixty-seven inches tall (still another spike, not out in time for the show, beat this by two inches—making 69 inches the maximum for *Solveig* this season).

On account of its extraordinary substance—which is easily twice that of any other of the large whites—*Solveig* presents an unusual glossy, snowy whiteness, that makes it look whiter than any other white glad. Unusual, too, is the fact that *Solveig* is the only large white that is ruffled. The general effect of dazzling, star-like purity is heightened rather than lessened by the small marking of light rose. The immaculate beauty of *Solveig* was well described by a literary friend to whom a spike of this variety, among others of the finer new sorts, was sent the past summer: “. I demurred upon *Solveig* lest my glances suffuse its pure white petals. This must be the kind of flower that grows in the Elysian fields, and I wonder if Botanist Prestgard hasn't made secret visits to those abodes of impeccable delight, in order to conceive of such a chaste corolla.”

As a propagator *Solveig* has proved somewhat

variable with our customers the past season. We ourselves counted 263 bulblets on one bulb this past autumn and have noted many between one and two hundred. One customer beat this, however, reporting 350 bulblets from a single bulb. While the general average of propagation which was secured seems to have been rather low, it is evident that under the proper conditions *Solveig* will multiply as rapidly as anyone would desire a good glad to. (Selected bulblets of *Solveig* are priced at \$4.00 each for 1933.)

To his already extensive list of fine whites, Pfitzer has added another in *Star of Bethlehem*. This variety is quite similar to *Maid of Orleans*, tho perhaps showing slightly less cream in the throat. Both are tall, round-floreted, and show excellent placement. A cold, classical beauty, for all its faults, is lily-like *Albatross*. Especially lovely is *Jonkheer van Tets*, a giant of a wonderful softness of texture. Almost as fine if well grown, tho not so broad-petal- ed, is *Mammoth White*.

Reported excellent as a commercial and all-round performer is *Joerg's White*. Very fine as a blotched white is wax-like *Madam Sully*, with its rich blotches of velvety scarlet. It will open plenty of florets at one time. A beauty that makes a lovely spike is the imperceptibly tinted *Sonja*, withheld last year for propagation.

Is there really such a thing as a fragrant glad (i. e. outside of some of the species)? It was to seek a definite answer to this question that the writer approached *Mibloom* when it first came into bloom the past season. Subsequent tests only verified the original discovery: there is no question that *Mibloom* is a fragrant glad. The scent persists several hours after a floret opens, and, while not strong, demands nothing of the imagination. It is just such a fragrance as we might like a glad to have, being strongly reminiscent of the scent of the white Killarney rose.

Description of Pure-Pinks

Outstanding for performance in this group are *Giant Nymph* and *Prosperity* (Louvain). The latter has one of the stiffest stems in all gladiolusdom, and the way in which this glad was used by a leading hybridizer to put spine into these more complaisant *Triumph* was an interesting illustration of breeding to combine specific traits. *Giant Nymph* has too much of a “hard finish” to appeal supremely on the score of beauty; but if all glads would perform as this one does, it would be something to be thankful for.

A glad which is taking its time about becoming famous (unlike its illustrious namesake) but is sure to win an outstanding place is the tall *Charles Lindbergh*. Rich, pure pink with blotches of palest

naphthalene yellow makes this glad a true aristocrat. An etherealized version of *W. H. Phipps* is the cooler *Pearl of California*. A fine pink with white blotch is *Jessie*. Like many of Mair's varieties, however, *Jessie* seems to prefer a cool, moist climate to be at its best.

If it is permissible at this point to drop a hint as to the future, I would say that the Colonial Gardens expects to introduce next year an extraordinary addition to this small color class—a seedling of *Giant Nymph* and *W. H. Phipps* which combines practically all the good qualities of both and is decidedly more beautiful than either. We expect this to become the leading glad in this color class.

CLASS 9—SALMON-PINKS

SUPER GLADS (Heavy Capitals)

GROUP A GLADS (Light Capitals)

GROUP B GLADS (Regular Type)

SALMON PINK SELFS AND NEAR-SELFS

Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies
Pfitzer	1931	EE	C	Andreas Hofer	\$10.00	Pl.	ML	
Alkemade	1927	EE	B	Baron van Wynbergen	.50	Pl.	EM	3,29
Alkemade	1927	EE	B	BEAT ALL	1.00	Pl.	M	
Mair	1927	EE	C	BETTY	1.00	Pl.	M	
Mair	1929	EE	C	CALEDONIA	1.50	Pl.	M	
Velthuys	1928	EE	B	CAROLUS CLUSIUS**	.05	Pl.	EM	6
Coleman	1919	EE	B	CATHERINE COLEMAN	.05	Pl.	ML	3,23,27
Palmer	1932	EE	B	CORONATION**	5.00	Pl.	M	?
Goodrich	1925	EE	B	DR. A. C. HANSON**		Pl.	EM	
Vaughan	1929	E	B	Edith Mason*	.25	Pl.	M	7
Errey	1928	EE	B	Esme Desailly	.50	Pl.	ML	3
Austin	1916	E	B	Evelyn Kirtland***	.05	Pl.	M	
Kunderd	1921	E	B	Favorite*	.05	Ruf.	M	
Williams	1925	EE	B	Fay Lanphier	.05	Pl.	M	7
Salbach	1928	EE	C	Frank M. Schick*	.15	Pl.	M	
Joerg	1924	EE	B	GEORGE J. JOERG*		Pl.	M	
Palmer	1930	EE	A	INSPIRATION	2.50	Ruf.	M	19
Mair	1929	EE	B	JOHN RAMSAY	1.50	Pl.	M	
Ogrodnichuk	1932	EE	B	MARGARET FULTON***	.50	Pl.	M	?
Kunderd	1918	E	B	Marshall Foch*	.05	Ruf.	M	
Yarra	1927	EEE	C	Miss F. E. Willard*	5.00	Pl.	ML	?,29
Briggs	1932	EE	C	Miss Greeley	.25	Pl.	EM	8?
Ellis	1926	E	A	Monarch of the Glen**	.50	Ruf.	ML	
Diener	1920	EEE	C	MRS. LEON DOUGLAS	.05	Pl.	ML	6,17
Stevens, F. H.	1930	EE	B	NETHERLAND PRINCE	.50	Pl.	M	
Roozen	1931	EE	B	PEERLESS PINK	2.50	Pl.	M	?
Palmer	1933	EE	A	PREMIER HENRY*		Ruf.	M	?
Diener	1917	EE	C	RICHARD DIENER	.05	Pl.	ML	10,21
Phillips	1930	EE	B	RITA PHILLIPS*	4.00	Pl.	M	?
Salbach	1929	EE	B	SALBACH'S PINK*	.25	Pl.	ML	
Mair	1929	EE	B	SENATOR*	2.50	Pl.	ML	?
Symons	1928	EE	C	Silversheen	4.00	Pl.	M	3
Kunderd	1928	E	B	T. A. Weston***	.25	Ruf.	EM	
Diener	1921	EEE	C	W. H. PHIPPS (MR.)*	.05	Pl.	L	20,28

SALMON PINKS WITH YELLOW THROATS

Salbach	1928	EE	B	BETTY NUTHALL***	.10	Pl.	L	
Pfitzer	1929	EE	B	Fata Morgana	.50	Pl.	EM	19
Hoeg	1920	E	B	JENNY LIND** (tall)	.05	Pl.	M	
Carpenter	1927	EE	C	MAROLEE	.35	Pl.	EM	7,12
Miller, L. E.	1927	E	B	Mrs. Leo Miller	4.00	Ruf.	M	

SALMON PINKS WITH PRONOUNCED THROAT BLOTCHES

Kunderd	1925	E	B	A. E. Kunderd	.08	Ruf.	L	7,18,21
Errey	1926	EE	C	Alpheus		Pl.	ML	
Brown, H. A.	1928	EEE	C	EDITH ROBSON	1.00	Pl.	M	
Velthuys	1927	EE	B	Emma	.75	Pl.	E	3
Betscher	1924	EE	B	IWA**	.05	Pl.	M	
Lemoine	1907	EE	B	Jean du Taillis	.10	Pl.	ML	
Kunderd	1926	E	B	J. OGDEN ARMOUR	.10	Ruf.	M	7
Metzner	1921	EE	B	Marietta**	.05	Pl.	M	
Pfitzer	1932	EE	B	Seestern*		Pl.	M	?
Pfitzer	1921	EE	B	Trudel Grotz	.05	Pl.	M	7

PRIMULINUS GRANDIFLORUS

Ellis	1926	E	C	ANGEL'S DREAM	.12	Pl.	EM	5,6
Palmer	1928	EE	C	Apricot Glow*	.05	Pl.	EM	1,10
Bales	1930	EE	B	BLENN*	1.00	Ruf.	EM	
Purple	1928	EE	B	CREATORE	.25	Pl.	EM	19
Purple	1926	EE	C	GLADDIE BOY***	.05	Ruf.	E	
Betscher	1922	EE	C	GLORIANA*	.05	Pl.	M	6,11,13
Ellis	1926	E	B	GLORIOLA*	.35	Pl.	M	
Ellis	1926	E	B	LADY LORENE*	.35	Pl.	EM	7
Wentworth	1932	EE	B	MILDRED LOUISE**	2.50	Pl.	EM	?
Palmer	1931	EEE	B	PICARDY***	2.50	Pl.	M	
Palmer	1932	EE	B	RAPTURE***	1.00	Pl.	ML	
Stevens, F. H.	1929	EE	C	Sunshine Girl	.75	Pl.	EM	
Purple	1926	E	B	The Aristocrat**	.15	Pl.	EM	

For Key to Deficiencies, see page 8.

Description of Salmon-Pinks

Just as the mention of salmon-pink glads a few years ago conjured up in everyone's mind the image of *Mr. W. H. Phipps*, so today it brings to mind first of all that glorious successor to the premiership of salmon-pink glads—*Picardy*. Those of us who saw this glad for the first time at the A. G. S. show at Des Moines felt it almost too fine to be real and were inclined to discount its quality on the score of super culture. However, I have seen this glad in so much better condition at other shows since that any doubt as to the performance of *Picardy* has been quite dissolved. We ourselves have grown it to a size of 6¼" with seven florets open at one time. No colored reproduction that we have seen begins to do justice to this variety. I consider *Picardy* one of the three finest glads ever introduced.

From the same originator as *Picardy* we have two more outstanding new glads in the salmon-pink class: *Coronation* (*Mrs. Sisson* X *Gloriana*) and *Premier Henry* (*Minuet* X *Pfitzer's Triumph*). *Coronation*, a sister glad to *Duna*, might best be described as a *Gloriana* of wide-open and somewhat triangular form. The yellow throat is not quite as distinct as in *Gloriana*. . . . In substance and general markings *Premier Henry* is quite obviously a seedling of *Triumph*, but it is distinct in three respects: it is a rich salmon-pink in tone; it is ruffled (strange, when both parent glads are plain-petalled); and it has the fine stem of *Minuet*. Truly a richly beautiful glad. (For sale only by Elmer E. Gove, Burlington, Vt., this year.)

While we are discussing Mr. Palmer's originations, we had better mention also *Inspiration*, our largest lacinated glad. This seedling of *Dr. Bennett* X *Gloriana* is a beautiful, clear, rich salmon-pink and is heavily ruffled as well as "fringed". As with certain other glads in extremely hot seasons—I recall *Mrs. F. C. Peters*—this glad will occasionally come partially "blind"—i. e. with gaps of bare stem between the florets—a unique fault that may be due to climatic conditions entirely. *Rapture* (*Apricot Glow* X *Illuminator* x *Aviatrix*) ranks with *Betty Nuthall* and *Magna Blanca* in the vigor of its foliage. It makes a great spike of vivid salmon pink with usually one row of florets.

Another outstanding glad in this color division is *Mildred Louise*, which will make as fine a spike as *Picardy* and has even warmer color. Do not overlook this fine glad, which ranks close to *Picardy* in quality and is sufficiently distinct to be really important. I know of no finer variety for use under artificial light.

Margaret Fulton, sponsored last year by the Colonial Gardens, seems to have lived up to the reputation we helped create for it. It is a rich salmon pink of unusually solid color and clear-cut form. Following the originator, we can offer only No. 1's of this variety again this year. Any orders for smaller sizes will necessarily be filled with No. 1's up to the value ordered.

Especially fine, where the season is long enough to enable it to be grown, is *Betty Nuthall*, the latest glad there is, excepting perhaps *Indian Summer*. Extraordinary height and vigor characterize this variety. For basket work its spikes of glowing color—salmon and yellow, combining to produce a suggestion of orange when seen at a distance—make this

glad ideal. While *Betty Nuthall* does not itself reveal much primulinus ancestry, the originator informs me that most of its progeny have proved to be small, nondescript primis. . . . Those who would like an early *Betty Nuthall* will find one in *Gladdie Boy*. This variety is especially fine as a cut flower sort and is truly very similar to *Betty* in general effect. Similar to *Gladdie Boy*, again, is the refined and rich *Gloriola*. The former displays a slight veining, entirely absent in the latter; but the color effect a few feet away is almost identical.

Still at the acme of popularity, to judge from the variety symposium of the A. G. S., is *W. H. Phipps*. This lavish beauty has produced spikes with twenty-three florets open at one time, the fourteen to eighteen are more common. Frequently there are three rows of florets. Glad fanciers who may have wondered how Mr. Diener produced this "wonder-glad" will be interested in the genealogy given the writer last summer by Mr. Diener. Just as *Solveig*—as related by Mr. Prestgard in his story in this catalog—traces its ancestry back several generations to *Peace* and *Glory*, so *W. H. Phipps* comes from no other glad than the old *Jack London*. This may be more evident in the case of the closely related *Richard Diener* than with *Phipps* itself. It all goes to show how the magic of hybridizing can transmute the older sorts to new forms of superior beauty. What would we say today if we could see for just a moment the No. 1 Super Glad of fifty years hence? The opinion was expressed several years ago, after the advent of *Phipps* and *Minuet*, that the gladiolus would probably show less improvement in the decade to come than in the one preceding. Since then we have had *Solveig* and *Picardy*. It appears that the evolvability of natural forms to higher planes will prove perpetually commensurate to man's own expanding and aspiring sense of beauty. Nature herself is apparently in league with the inherent optimism of the flower lover.

Mrs. Leon Douglas, the third of Mr. Diener's famous pinks was all slated for demotion this year from our First Hundred, when I discovered three spikes of it at the Canadian show, almost identical in quality, the center spike having nine perfect florets open at one time, nearly all of them seven inches in diameter. It was the largest spike of gladiolus I have ever seen. *Douglas* was also fine at the Los Angeles show. The question whether glads do not deteriorate may perhaps be best answered by saying that they seem to settle down after a few years either to perform or not to perform in a given climate. *Douglas*, *Pendleton*, and *Norton* are still as fine as ever in the right localities.

Almost identical with *Douglas* and no better if as good is *Miss F. E. Willard*. The same may be said of *Edith Robson* and *W. H. Phipps*, tho the former differs in having a small red blotch. *Rita Phillips*, too, might be described as a smaller, red-feathered *Picardy*.

To finish a few others quickly for lack of space: *John Ramsay* will vie with *Phipps* for number open; smaller florets, however. *Andreas Hofer*: translucent but not richly so. *Baron Wynbergen* and *Catherine Coleman* are similar—large pinks with small purple feathers. *Lady Lorene*: a very lovely thing—softest pink with a tiny yellow lip; winsomely ruffled.

CLASS 10—LIGHT-PINKS

SUPER GLADS (Heavy Capitals) GROUP A GLADS (Light Capitals) GROUP B GLADS (Regular Type)

LIGHT PINK SELFS AND NEAR-SELFS

Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies
Pfitzer	1927	EE	B	CORYPHEE	\$.15	Pl.	M	6,25
Palmer	1932	EE	B	DEBONAIR**	5.00	Pl.	M	
Mair	1927	EE	B	DIGNITY		Pl.	M	16
Mair	1929	EE	C	Elizabeth	1.00	Pl.	M	16
Diener	1925	EEE	C	FREDERICK CHRIST (MR.)	.35	Pl.	L	19
Gilrey	1929	EEE	C	HYACINTH	2.50	Pl.	M	17
Errey	1925	EEE	C	IVERNIA	1.00	Pl.	ML	16
Palmer	1933	EE	B	LADY EATON*		Pl.	M	?
Christ	1929	EE	B	Leviathan	1.00	Pl.	M	?
Kinyon	1930	E	C	Mary Marie	.15	Pl.	M	
Hornberger	1929	EE	B	Miss New York*	.50	Pl.	M	29
Fischer	1924	EE	B	MRS. H. M. WHITCOMB		Pl.	ML	23
Coleman	1924	EE	B	MRS. P. W. SISSON*	.05	Ruf.	ML	
Alkemade	1927	EE	B	PROF. VAN SLOGTEREN*	.50	Pl.	EM	3
Fischer	1924	EE	B	RITA BECK	.05	Pl.	ML	19
Pfitzer	1930	EE	B	SCHWABEN GIRL*	1.50	Pl.	M	
Krelage	1927	EE	B	YVONNE**	.05	Pl.	EM	

LIGHT PINKS WITH LARGE CREAM OR WHITE THROATS

Gelser	1929	E	C	Alice Reid	.25	Ruf.	EM	
Pfitzer	1914	EE	C	Appleblossom (P)	.12	Pl.	ML	
Kunderd	1929	E	C	BLUSHES OF CREAM	.35	Pl.	M	
Errey	1922	EE	C	Gertrude Errey	.08	Pl.	M	
Kemp	1924	EE	B	Juniata	.25	Ruf.	EM	
Kunderd	1915	EE	B	MRS. DR. NORTON*	.05	Pl.	EM	8,10,25
Crow	1930	EE	B	MRS. T. E. LANGFORD**	2.50	Ruf.	ML	?
Goodrich	1926	E	B	OLIVE GOODRICH**	.05	Pl.	M	
Pfitzer	1931	EEE	C	ROSEMARIE PFITZER	6.00	Ruf.	M	6
Kunderd	1921	E	B	Virginia Hale**	.10	Pl.	M	
Mair	1928	EE	B	WM.CUTHBERTSON(MR.)	1.50	Ruf.	M	19

LIGHT PINKS WITH PRONOUNCED THROAT BLOTCHES

Brown, C. W.	1927	EE	B	BLEEDING HEART**	.50	Pl.	EM	
Errey	1929	EE	B	Cassandra	.50	Pl.	ML	2
Lemoine	1924	EE	B	Eleonora Duse		Pl.	EM	
Kunderd	1910	EE	B	MRS. FRANK PENDLETON	.05	Pl.	EM	7
Diener	1922	E	B	MRS. H. E. BOTHIN*	.05	Ruf.	L	
Diener	1922	EE	B	MRS. JOHN R. WALSH*	.05	Ruf.	ML	23
Kinyon	1928	EE	B	RESPLENDENT*	.10	Ruf.	M	

PRIMULINUS GRANDIFLORUS

Kingsley	1930	EE	C	ADELPHA*	.35	Ruf.	M	?
Blake	1929	E	B	MISS JOY***	.15	Pl.	E	

For Key to Deficiencies, see page 8.

Description of Light-Pinks

Thirteen "Super Glads" in the Light Pink class may seem rather strong, but I don't see how it can be avoided with so much quality concentrated here.

The center of interest is probably the new arrival: **Lady Eaton**. In making such a weird cross as *Lady Byn* (a dainty light pink glad somewhat similar to *Break O' Day*—in case you are not familiar with it) X *Pfitzer's Triumph*, Mr. Palmer displayed again the uncanny hybridizer's instinct which two years ago gave us *Picardy* by an even more fantastic cross, and put Mr. Palmer in the forefront among the world's hybridizers of the gladiolus. *Lady Eaton* may best be described by stating that it possesses the same velvety substance as *Pfitzer's Triumph* in a pink so pale as to become almost white in the throat of the flower. The form is entirely different from *Triumph*, however, the petals of *Lady Eaton* being rolled and somewhat needlepointed, giving the flower lots and lots of style. There is a slight violet penciling in the throat, usually on one petal. The Colonial Gardens will offer *Lady Eaton* for sale next year; if you can't wait, Mr. Elmer E. Gove of Burlington, Vermont, will be glad to supply you this year with this exceptionally fine new gladiolus.

A glad for cool climates is **Coryphee**. Those of us who live in the mid-continental area of torrid summer heat have to take the full beauty of this glad somewhat on faith. As I saw it last summer in Mr. Salbach's garden, with eight, five and one-half inch, round florets open on every spike and not a crooked spike in the row, I realized what a secure place in the mythical first ten this glad is going to have for years to come. In hot climates it will have to be pampered, but it's a pleasure to baby such a glad as this.

Now let's say a word for two older glads that are way down in price but still top-notch in quality. Where else in the entire flower world, beauty as priceless as that of **Mrs. P. W. Sisson** may be had for so nearly a song, I do not know. This glad was exceptionally fine with us the past year and I cannot recommend it too strongly for generous plantings in the fancier's garden. This glad with a halcyon tint of warm light pink and lovely sheen is

easily ten times as fine as the slightly more stalwart *Giant Nymph*. Also fine this year was **Rita Beck**, which produced very tall spikes with plenty of open florets. Slightly lighter than *Mrs. Sisson*. Truly a very fine glad.

Similar to *Mrs. Sisson*, but probably no better is **Schwaben Girl**—named in honor of the femininity of the province of Schwaben, Germany. It has rounder florets and may open more at once than *Mrs. Sisson* (the latter is easily good for six). **Yvonne** is a fine blush-white of unusual fleshy texture, with a small blur of rose deep in the throat.

Mrs. T. E. Langford is a combination of pink and rich cream, similar to *Lotus* (C. B. F.) but possessing slightly more color. It is also daintily ruffled. . . . **Olive Goodrich** is sometimes called a white glad with a picotee edge of light pink.

Rosemarie Pfitzer, named after the daughter of the famous hybridizer, is one of the finest glads ever imported into America. It is almost white with a touch of cream in the throat and occasional fleckings of soft pink on the edges. Florets are large, round, and beautifully ruffled. This glad may have the edge on *Queen Mary*, which is saying a lot. . . . Also an exceptional beauty is the heavily ruffled **Wm. Cuthbertson**, which shows marked contrast between its rich light pink and its large, snowy throat.

The much-heralded **Hyacinth** is a giant of an immaculate pale pink hue with a small throat of pale yellow. Petals are long rather than broad and flop very badly in hot weather, though I can imagine this glad being fine in a suitable climate. . . Fully deserving of a place in the First Hundred as grown in Oregon, New England or Canada, is **Mrs. Dr. Norton**. Its near worthlessness in severe climates has given it a compromise rating.

A stylish, improved **Pendleton** is **Bleeding Heart**. . . . The blotches of **Cassandra** are so large as to take from its beauty and add to its novelty. . . . Sister glads are the starry-eyed **Mrs. Bothin** and the magnificently rich **Mrs. John R. Walsh**. . . . In **Miss Joy** we have a large P. G. ideal for cutting. I believe this glad will be very widely grown.

Description of Cream, Buff, and Flesh Varieties

(Continued from page 13)

has a color similar to *Wasaga*, tho a bit more buff, and that is **Hercules**. This variety was so impressive at the Canadian show, where it was displayed with six open florets, and in Mr. Palmer's garden that it seemed to deserve beyond question a rank of "Super Glad." This variety possesses extraordinary height and vigor. When the originator discloses the cross which produced this glad, it is going to occasion considerable surprise.

Duna (*Mrs. Sisson* X *Gloriana*), a pale buffy pink, possesses a unique flesh tint, warmer than *Queen Mary*. **Flosella** is similar, larger, but has a slight throat marking. Both are of silky texture.

Wm. Kent, a rich flesh pink, is still a leading beauty when well grown. . . . An interesting combination of light pink and creamy yellow is the new ruffled variety, **Roscoe Huff**.

(Continued on page 25)

CLASS 11—ROSE-PINKS

SUPER GLADS (Heavy Capitals) GROUP A GLADS (Light Capitals) GROUP B GLADS (Regular Type)

MEDIUM AND LIGHT ROSE PINKS									
Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies	
Piper	1931	E	B	Eugenie	\$.....	Pl.	ML	7	.....
Kunderd	1931	EE	B	JOANNA HILL**	3.00	Pl.	M	?	.....
Goodrich	1927	EE	B	KEN	.50	Pl.	M	19	.....
Stevens, F. H.	1929	EE	B	LITTLEJOHN**	.25	Ruf.	EM	.....	.....
Kunderd	1931	E	B	MARY CARMICHAEL	.60	Pl.	M	?	.....
Kunderd	1925	E	B	Mary Jane	.10	Pl.	M	1,19	.....
Rattray	1911	EEE	C	MRS. T. RATTRAY	.50	Pl.	L	19	.....
Kunderd	1915	E	C	Nineteen-Ten Rose**	.05	Pl.	E	.....	.....
Phillips	1927	EEE	C	NOEL REEVE	4.00	Pl.	ML	19	.....
Austin	1930	EE	C	Ohio State*	.50	Pl.	E	?	.....
Kunderd	1926	E	B	Pauline Kunderd	.50	Pl.	M	19,21	.....
Kunderd	1923	EE	A	PINK CLOUD*	.07	Ruf.	M	7	.....
Kunderd	1916	E	B	Pink Lily*	.07	Pl.	EM	29	.....
Wilkus	1930	EE	B	ROBERT THE FIRST*	5.00	Ruf.	ML	.....	.....
Austin	1928	EEE	C	ROZAN	.10	Pl.	M	1,17,21	.....
Salbach	1930	EEE	B	SALBACH'S ORCHID**	1.50	Pl.	EM	.....	.....
Phillips	1927	EEE	C	SUNNYSIDE	6.00	Pl.	ML	?	.....
Errey	1929	EE	C	Tintaldra	2.00	Pl.	L	.....	.....
DEEP ROSE PINKS									
Symons	1927	EE	B	AMETHYST**	.35	Ruf.	M	.....	.....
Crites	1931	EE	B	Bird of Paradise	.....	Pl.	M	?	.....
Kunderd	1928	EEE	C	COL. CHAS. LINDBERGH*	.25	Pl.	EM	.....	.....
Arenius	1931	EE	B	CONSTANCY**	2.00	Pl.	M	?	.....
Lemoine	1909	EE	B	EUGENE LEFEBVRE	.10	Pl.	M	.....	.....
Kunderd	1929	E	B	Gorgeous	.50	Pl.	M	.....	.....
Le Clerc	1908	EE	B	Hernani	.....	Pl.	M	.....	.....
Mair	1929	EE	B	Kyle	1.00	Pl.	M	8	.....
Lemoine	1922	EE	B	Paul Deschanel	.50	Pl.	ML	2	.....
Chriswell	1924	EE	B	PRIDE OF WANAKAH**	.05	Pl.	ML	.....	.....
Mair	1930	EE	B	ST. NICHOLAS*	2.00	Pl.	M	?	.....
Kunderd	1923	EE	B	Sweet Rose**	.05	Pl.	M	7,29	.....
Kunderd	1927	EE	B	WONDERFUL**	.10	Pl.	M	.....	.....
PRIMULINUS GRANDIFLORUS									
Fischer	1923	E	C	ROSE MIST*	.05	Pl.	EM	.....	.....

CLASS 12—ROSE-REDS

MEDIUM AND LIGHT ROSE REDS									
Crow	1932	E	B	Benedict*	3.00	Pl.	M	?	.....
Kunderd	1930	E	B	CLAUDE BOWERS*	.50	Pl.	ML	.....	.....
Zimmer	1931	EEE	B	DREAM O' BEAUTY**	5.00	Pl.	M	?	.....
Kunderd	1927	EE	B	DR. L. H. BAILEY*	.50	Ruf.	EM	.....	.....
Kunderd	1925	EE	B	DR. NELSON SHOOK*	.05	Ruf.	M	19	.....
Kunderd	1930	EE	B	E. C. VICK*	.35	Ruf.	EM	?	.....
Kunderd	1926	E	B	Georgia**	.15	Pl.	EM	.....	.....
Lemoine	1922	EE	B	MARECHAL FAYOLLE	.....	Pl.	ML	.....	.....
Kunderd	1927	EE	B	Philatelia	.25	Pl.	ML	.....	.....
Palmer	1931	EE	B	PIRATE*	2.00	Pl.	M	?	.....
Gilrey	1927	EE	A	PURPLE VICTORY	1.50	Ruf.	M	?	.....
Stevens, F. H.	1928	EEE	A	RAMESSES	2.00	Ruf.	M	27	.....
Errey	1928	EEE	B	RED LORY	.40	Pl.	M	5	.....
Crow	1929	EE	B	SULTAN (C)***	2.50	Ruf.	M	.....	.....
Kunderd	1921	E	B	Taro*	.05	Pl.	EM	19,29	.....
Kunderd	1918	E	B	Tyrian Beauty**	.05	Pl.	M	.....	.....
McKibben	1930	EE	B	W. G. HATFIELD**	1.00	Ruf.	EM	?	.....
Kunderd	1927	EE	B	Wm. Booth	.20	Pl.	EM	29,10	.....
DARK ROSE RED									
Kunderd	1916	EE	A	PURPLE GLORY**	.05	Ruf.	M	24	.....
Gelser	1931	E	B	RED PIRATE	.35	Pl.	M	?	.....
ROSE RED WITH WHITE THROAT									
Kunderd	1923	EE	B	SHOW FLOWER	.10	Pl.	EM	.....	.....

For Key to Deficiencies, see page 8.

Description of Rose-Pinks

Perhaps the best rose-pink gladiolus, at least under American conditions, is **Salbach's Orchid**. This glad, which looks so much like a pink *Minuet*, tho it has more pointed petals and slightly more color in the throat, is not a *Minuet* seedling, however. Mr. Salbach having produced his *Orchid* before using *Minuet* as a parent, the next best guess is probably a common ancestry for these two fine glads.

Until **Sunnyside** becomes better acclimated in America, it seems advisable not to recommend it so strongly as a position in the First Hundred would imply. This glad is a lovely shade of rose-pink verging onto lavender, blending to a white throat. Plant and bloom have been very small with us, however, which experience checks with other reports we have received. As grown in Australia, and as revealed by picture, this glad is an exceptional beauty. We may hope that, as has been the case with other foreign glads, it may soon hit its stride in America. . . . Extremely similar, but with a throat slightly less immaculate, is **Noel Reeve**.

A rich medium-light rose of heavy substance with a distinct white spearhead in the throat is **Joanna Hill**. . . . **Eugenie** is a richer **Pauline Kunderd**: rich rose with a golden throat. . . . Exceptionally responsive to culture is clear-toned, long-petaled **Ken**. . . . **Littlejohn** is distinctly the improved *Shaylor*. . . . Extremely delicate is the shell-like **Mary Carmichael**. . . . A fine sturdy sort with unique salmon

blotch is **Pink Cloud**, very striking when well grown. . . . A stalwart pale rose of splendid substance is **Robert the First**.

Among the deeper rose-pinks are several like **Kyle**, **St. Nicholas** and **Col. Chas. Lindbergh** (K.) which verge onto a hue of lavender rather difficult to describe. The best, perhaps, is the last named, which makes an extremely long flower head, which will strike in your garden a color note quite beautiful but even more notable for its uniqueness. *St. Nicholas* is similar but with a white, unmarked throat. Impressive, but difficult to grow, is *Mari's Kyle*, of a deeper shade of lavender-rose.

Lacking the air of ineffable peace that belongs to beauty in its higher reaches, **Amethyst**, with its curiously distracting throat feather, is nevertheless a very good glad, with fine form and plenty of open florets to its credit. . . . Quite similar to *Joanna Hill* is **Bird of Paradise**. . . . A dark rose with a throat almost black is **Gorgeous**. . . . A throat marking of rose red and white, typical of the Lemoine race, with five round florets of deep rose characterizes **Eugene Lefevre**.

Just falling short of the First Hundred is **Pride of Wanakah**: a silky deep-rose with darker throat. A fine commercial. . . . **Sweet Rose** and **Wonderful** are sister sorts of the preceding. . . . An attractive P.G. of graceful form and unique for its buff edge is **Rose Mist**, a glad of a crushed-strawberry color.

Description of Rose-Reds

The Rose-Red color class, considered quite weak a few years ago, has recently profited by the addition of several fine glads, so that to-day it can easily hold its own for quality.

At its best I believe **Crow's Sultan**, with its superb velvetiness, rich wine-redness, and heavy ruffling is pretty near unbeatable in this class. However, we have not grown this glad long enough for me to speak with authority as to its commercial value.

Very impressive at the shows last summer was Zimmer's **Dream O'Beauty**, which makes an even more impressive spike than *Sultan*, and shares with the latter the distinction of being about the truest self-color in this class. *Dream O'Beauty* appears to be an outstanding exhibition variety that will open up to a dozen florets.

Eclipsing both of the preceding in number open, but not equalling them in color is the *Aubrun* seedling, **Red Lory**. . . . Still fine is the old stalwart, **Purple Glory**, which finds company in its dark rose-red subdivision this year in **Red Pirate**, a uniquely

rich sort with almost a black throat. . . . Especially vivid is tall **E. C. Vick**.

Mr. Kunderd's **Purple Glory** seedlings comprise an impressive group in this color class. Three closely-related ones are **Dr. Nelson Shook**, **Taro** and **Tyrian Beauty**. All are fine and vigorous, but possess throat markings that we could dispense with. An especially clear-toned member of this family is **Claude Bowers**; especially brilliant is **Dr. L. H. Bailey**. **Georgia** has notably fine placement; **Philatelia** and **Wm. Booth** build close-set, conservative spikes. . . . **Show Flower**, with winged florets and white throat, still holds its place.

Burly **Ramesses** with its seven-inch florets, with up to eight open, may strike you as a wonder, or you may not like it at all. . . . A fine seedling of *Sydonia* X *Emile Aubrun* is **Pirate**, which also has unusually large florets. . . . **Purple Victory** seems a bit erratic as a grower, but has fine color. . . . A builder of an impressive spike is stalwart **W. G. Hatfield**.

CLASS 13—LAVENDERS

SUPER GLADS

(Heavy
Capitals)

GROUP A GLADS

(Light
Capitals)

GROUP B GLADS

(Regular
Type)

LAVENDER SELFS AND NEAR-SELFS

Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies
Mair	1927	EE	C	A. E. AMOS	\$ 1.00	Pl.	.....M.....	.....
Mair	1931	EE	B	BERTY MAIR	1.00	Pl.	.....M.....	8.....
Mair	1918	EE	B	BERTY SNOW* .....	.07	Pl.	.....M.....	1.....
Hoeg	1925	E	B	Buffalo Bill** .....	.10	Pl.	.....ML.....	.....
Kunderd	1917	E	B	BYRON L. SMITH* .....	.05	Pl.	.....EM.....	7,25 ..
Kinyon	1927	EEE	C	DR. MOODY* .....	.07	Pl.	.....M.....	1,7
Brunelet	1907	E	B	Florence .....	.....	Pl.	.....M.....	.....
Kunderd	1927	E	B	Fuld's Favorite .....	.20	Pl.	.....ML.....	.....
Austin	1931	EEE	B	IDABELLE FIRESTONE* ..	1.00	Pl.	.....M.....	?.....
Kunderd	1917	EE	B	Indian Summer .....	.08	Pl.	.....L.....	3,6,25..
Phillips	1930	EE	C	Iris Phillips .....	.....	Pl.	.....M.....	?.....
Prestgard	1926	EE	B	JANE ADDAMS* .....	.07	Pl.	.....ML.....	21.....
Kemp	1926	EEE	C	Jubilee .....	.40	Pl.	.....M.....	1,17
Kunderd	1917	E	B	Kasson* .....	.15	Ruf.	.....EM.....	.....
Arenius	1930	EE	A	KING ARTHUR	10.00	Ruf.	.....EM.....	7,23
Pfitzer	1927	E	B	KRIMHILDE .....	.....	Pl.	.....EM.....	.....
Arenius	1931	E	C	Lavender Delight*	2.00	Pl.	.....EM.....	?29.....
Hevenor	1931	EEE	C	LAVENDER DOUGLAS* ..	.....	Pl.	.....ML.....	3.....
Kunderd	1928	E	C	Lavender Rose	1.00	Pl.	.....M.....	.....
Coleman	1922	EE	B	MINUET***** .....	.05	Pl.	.....ML.....	.....
Prestgard	1927	EE	B	Miss Des Moines .....	.25	Pl.	.....ML.....	19,25 ..
Kunderd	1930	EE	B	Mrs. George W. Hay .....	.....	Pl.	.....M.....	10.....
Vaughan	1920	EE	B	MRS. H. A. CAESAR* .....	.10	Pl.	.....ML.....	.....
Schleider	1928	EE	B	ROYAL LAVENDER** .....	.15	Pl.	.....M.....	.....
Kinyon	1929	EEE	C	STATELY LAVENDER.....	1.50	Pl.	.....M.....	?.....
Diener	1925	EE	B	W. A. SISSON .....	.20	Pl.	.....M.....	19.....

LAVENDERS WITH PRONOUNCED THROAT BLOTCHES

Errey	1929	EE	B	A. H. WOODFUL	2.00	Pl.	.....ML.....	25.....
Boynton	1922	EE	C	Capt. Boynton* .....	.05	Pl.	.....EM.....	2,16
Salbach	1928	E	B	Dorothy Simpson* .....	.....	Ruf.	.....M.....	.....
Gelser	1926	EE	B	MARY FREY* .....	.05	Pl.	.....EM.....	1.....
Fischer	1919	EE	B	MRS. F. C. PETERS** ..	.05	Pl.	.....L.....	24.....
Kunderd	1927	E	B	Ocellus .....	.50	Pl.	.....EM.....	19,23 ..

CLASS 14—PURPLES

PURPLES OF ALL SHADES

Diener	1917	E	C	ANNA EBERIUS** .....	.05	Pl.	.....M.....	26.....
Pfitzer	1926	E	B	CHARLES DICKENS**** .....	.05	Pl.	.....ML.....	27.....
Crow	1929	EE	B	DIRECTOR* .....	.75	Pl.	.....M.....	?.....
Pfitzer	1927	E	B	Drama .....	.....	Pl.	.....L.....	.....
Kunderd	1918	E	C	Elkhart ** .....	.12	Pl.	.....M.....	.....
Gelser	1929	E	A	FLOR RICO* .....	.35	Ruf.	.....M.....	.....
Kunderd	1928	EE	C	Graphic .....	.12	Pl.	.....E.....	2.....
Ellis	1931	E	B	IMPROVED HENRY FORD* ..	1.50	Pl.	.....M.....	?.....
Heemskerk	1921	E	B	Jacoba Van Beijeren .....	.07	Pl.	.....M.....	19.....
Kunderd	1931	EE	B	MIKAIL* .....	.....	Pl.	.....M.....	?.....
Pfitzer	1925	E	B	PAUL PFITZER* .....	.08	Pl.	.....M.....	5,13
Kunderd	1918	E	B	PURPLE QUEEN* .....	.07	Ruf.	.....M.....	.....
Pfitzer	1927	EE	C	TROUBADOUR .....	.30	Pl.	.....ML.....	13.....
Mair	1931	EE	B	VIOLET .....	.50	Pl.	.....EM.....	?.....

For Key to Deficiencies, see page 8.

Description of Lavenders

The clear-cut superiority in the Lavender class of *Minuet* affords a situation scarcely matched in other classes except for *Solveig* among the whites and *Picardy* among the salmon-pinks. It is true that *Minuet* frequently shows a very subdued flecking, but it is by no means as serious as that shown at times by most of the other lavenders. At its frequent best, with six to eight florets open, of perfect style and splendid sheen, few glads can touch *Minuet* for sheer perfection.

Considering good performance as well as beauty, I believe the older *Mrs. F. C. Peters* our second best lavender. Others, like *Berty Snow*, can be perfection itself but are likely to disappoint; *Mrs. Peters*, however is back year after year with long spikes of fine bloom.

A glorified *Mrs. Peters*, about half the time, is *Mary Frey*—one of the most beautiful lavenders. . . . Another beautiful blotched sort is *A. H. Woodful*, which has a ruby blotch quite different from the preceding. . . . Unique in its blotch like the eye in the peacock feather is tiny *Ocellus*.

A daintier, slightly frilled *Berty Snow* is *Berty Mair*. This glad has shown very little vitality with

us thus far, however. . . . Still very beautiful, especially when planted early and given plenty of water, is cream-throated *Byron L. Smith*.

Jane Addams, with three or four six to seven-inch florets of velvety texture, is excellent still, tho removed this year from the Super-Glad class. . . . *Miss Des Moines* is finer than the preceding but much less reliable.

A rich, deep lavender with ruffled triangular florets is heavy-textured *King Arthur*. This glad is very beautiful in itself, but like the old *Herada*, is a very difficult shade to harmonize with other colors.

A silky lavender with darker pencillings is *Iris Phillips*. . . . Opinions vary as to *Lavender Douglas*. Typical *Douglas* form plus a cream throat heavily sanded characterize this medium-lavender sport of this old favorite.

Dr. Moody is a true exhibition type with many open florets. Give it plenty of water, however, to insure long spikes. . . . Paler, but very similar, is *Stately Lavender*—a truly fine glad.

A yellow-throated lavender of great softness is *Lavender Rose*. . . . One of the deepest is *Royal Lavender*.

Description of Purples

The finest purple, and perhaps the only one that really deserves a place in the First Hundred is *Charles Dickens*. This variety is an extra fine basket glad, being far more effective in the mass than in the single spike.

Richer and more of a red purple is *Paul Pfitzer*. . . . A ruffled, more widely open, and more violet *Purple Glory* is *Purple Queen*. These two glads retain their position of last year, since a fair distribution of Super-Glads seemed to require a minimum of three in each color class. They are more truly good than excellent.

A fine, silky red-purple with a deeper throat is

Anna Eberius. . . . Long-petaled and especially silky is *Improved Henry Ford*. . . . A heavy flower and practically a rose-red is *Flor Rico*. . . . *Mair's Violet* is a medium-light violet-purple with a white throat—something different from others in this class.

Three light purples are *Jacoba von Beijeren* (variable), velvety *Elkhart* (with round florets, reliable), and the new *Director* (slightly deeper than *Herada* with deeper blotches, like *Mrs. Pendleton* in form). . . . A rich sort with lots of character is velvety *Mikail*, with its hint of the same throat blotch of the older *Purple Spot*.

Colonial Gardens' Introductions for 1933

(Continued from page 4)

ready overcrowded glad population, we have decided not to give them an official launching. We shall, instead, distribute them gratis to our customers. This year we shall give away the entire stocks of *Dusk*, *Goldenheart*, and *Endymion*, one or more bulbs to be included gratis with every order.

We feel that this is a wise solution of the problem

of what to do with seedlings which are far too good to be thrown away, but which, if introduced, will tend to maintain the general overabundance of named sorts. . . . *Dusk*, *Goldenheart*, and *Endymion* are all beautiful glads—Prestgard seedlings—, but we prefer to let them bloom for you as a surprise, rather than to describe them here.

CLASS 15—LIGHT VIOLETS

SUPER GLADS (Heavy Capitals) GROUP A GLADS (Light Capitals) GROUP B GLADS (Regular Type)

ALL SHADES OF LIGHT VIOLET

Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies
Errey	1928	E	B	Allawah*	\$.35	Pl.	L.	19.....
Pfitzer	1927	E	C	Alt Wien*	.35	Pl.	EM	19.....
Pfitzer	1928	EE	B	AVE MARIA**	.12	Pl.	EM	.....
Frietsch	1909	E	C	Badenia	.....	Pl.	M	21,25 ..
Pfitzer	1932	EE	C	BELLA DONNA	.....	Pl.	M	?.....
Hoeg, Mrs.	1929	E	A	Blue Boy	.25	Pl.	M	18,21 ..
Pfitzer	1930	E	B	BLUE DANUBE*	1.25	Pl.	M	19.....
Blake	1931	E	C	Blue Moon	.75	Pl.	E	7?.....
Pfitzer	1929	EEE	C	BLUE TRIUMPHATOR	1.50	Pl.	EM	5,17,25
Palmer	1933	EE	B	CHAMPLAIN*	.....	Pl.	EM	?.....
Errey	1925	E	B	Daintiness	.25	Pl.	M	19.....
Kinyon	1929	EE	C	FAITH	.50	Pl.	M	21.....
Diener	1923	E	C	Geraldine Farrar	.10	Pl.	ML	12,19 ..
Prestgard	1924	E	C	Grace E. Kimball	.25	Pl.	ML	21,23 ..
Pfitzer	1926	EE	C	HEAVENLY BLUE	.15	Pl.	M	4
Pfitzer	1930	EE	C	LIBELLE	2.00	Pl.	M	5.....
Pfitzer	1927	E	C	Mrs. Gertrude Pfitzer	.35	Pl.	M	19,23 ..
Pfitzer	1925	E	B	MRS. VAN KONYNENBURG	.07	Pl.	M	12,25 ..
Pfitzer	1915	E	B	Muriel*	.05	Pl.	M	2,14
Kunderd	1929	E	B	Pres. Lincoln	2.00	Pl.	M	19.....
Velthuys	1916	E	B	Rev. Ewbank	.10	Pl.	E	6.....
Vaughan	1931	EE	C	RHAPSODY IN BLUE	7.50	Pl.	ML	?.....

CLASS 16—DEEP VIOLETS

ALL SHADES OF DEEP VIOLET

Pfitzer	1927	E	B	AIDA*	.12	Pl.	E	13.....
Vaughan	1931	E	B	Blue Royale	5.00	Pl.	L	?.....
Prestgard	1920	E	B	Jap Lady	.15	Pl.	L	7,28
Kirchhoff	1927	E	B	Kirchhoff's New Violet	.10	Pl.	M	19.....
Kirchhoff	1925	E	B	Kirchhoff's Violet	.10	Pl.	EM	25.....
Vaughan	1930	E	B	MRS. T. J. KNUDSON*	2.00	Pl.	ML	19.....
Pfitzer	1925	E	B	OTHELLO (P) **	.....	Pl.	ML	6.....
Pfitzer	1931	EE	B	PELEGRINA**	7.50	Pl.	EM	6?.....
Kunderd	1929	E	B	PURPLE PROGRESS*	1.00	Pl.	EM	19.....
Vaughan	1929	E	B	ROSA RAISA*	2.50	Pl.	EM	19.....
Vaughan	1922	E	B	Sovereign*	.05	Pl.	ML	19.....
Pfitzer	1923	E	B	VEILCHENBLAU**	.07	Pl.	M	21.....
Pfitzer	1928	E	B	Wodan	1.50	Pl.	ML	13,25 ..

For Key to Deficiencies, see page 8.

Varieties to be Reported on Next Year

Recent introductions not included in the recommendations in this catalog, but to be reported on next year or as soon as an adequate trial has been given them are:

Amador (Kingsley)	Carminea (Mair)	Madelon (Lemoine)
Angkor (Lemoine)	D'Artagnan (Lemoine)	Maerchen (Pfitzer)
Arabella (Pfitzer)	Dorothy Dell (Carpenter)	Martha Brandes (Lemoine)
Armagna II (Mair)	Do X (Pfitzer)	Max Reger (Pfitzer)
Atlantide (Lemoine)	Dr. Buchan (Mair)	Newington (Webb)
Barbara Phillips (Gilrey)	Etruria (Errey)	Otto Carmichael (Kunderd)
Blue Admiral (Christ)	Gertrude Swenson (Swenson)	R. Y. Mair (Mair)
Bugler (Stevens, F. H.)	Johann Strauss (Pfitzer)	Sonata (Pfitzer)
Cardinal Lucon (Lemoine)	Lucian Guitry (Lemoine)	St. Cuthbert (Mair)

Description of Light Violets

Probably the best all-round light blue glad is **Ave Maria**, which has plenty of color and easily opens six to eight florets at one time. This glad has a purple and white spearhead in the throat, similar in form to the markings seen in *Minuet* and *Dr. Bennett*. Of all the light violets I believe this one displays the most character; there is nothing washed out about it.

A large light blue of even tone and cup like florets is **Libelle** (Li-bell-a), named after a beautiful European dragonfly. Taller and lighter is **Blue Danube**, an unusually vigorous grower that may or may not produce outstanding spikes.

Palmer's new **Champlain** reminds one somehow of *Libelle*, tho my recollection is that it is of a clearer color as well as slightly "bluer." This first "blue" from the famous Canadian originator looked quite promising at the Toronto show last summer. It is a seedling of *Heavenly Blue* X *Othello* x *Veilchenblau*.

Somewhat toward the end of the First Hundred, certainly, is the pale giant, **Blue Triumphator**. Just how pale this glad is may be inferred from the fact that last summer in selecting a group of white and cream glads for photographing, a spike of *Blue Triumphator* was accidentally picked up for inclu-

sion. It is a giant, however, and rather outstanding as long as good blues are so scarce.

Seemingly slipping most places, in performance, is **Heavenly Blue**. The natural weakness of the bulbs of most blue varieties (and some lavender ones) makes them all suspect in this regard.

Pfizer's new **Bella Donna** reveals a quiet tone of soft violet, with pale throat markings. Apparently a moderately good blue.

In some localities where on account of soil conditions *Ave Maria* comes curiously muddled in color (the "blues" being subject to considerable variation in performance), Mrs. Van Konynenburg may be an outstanding medium-light violet.

Mr. Salbach's **Blue Peacock** is an attractive blue of a medium rich tone, with good substance and a distinct throat marking of violet and white.

Alt Wien is an attractive clear "blue" of good growth. **Blue Boy** excels in substance and is also outstanding for absence of red in its make-up. An unusually bright tone of blue-violet is found in **Blue Moon**. **Faith** is similar to *Heavenly Blue*, being one of the lighter glads in this group. **President Lincoln** displays an *Ocellus*-like blotch. Still good as an inexpensive violet is **Muriel**. **Rhapsody in Blue** is a very pale sort with a deep violet blotch.

Description of Dark Violets

Pelegrina, said to be a cross of *Aida* X *Veilchenblau*, is still an easy favorite in this color group. It is larger, bluer in the throat, and opens more florets than *Aida*. Seen at close range, **Pelegrina** has all the gloss of deep blue velvet.

Aida, already described by inference, is a rich dark violet with a purple throat. Early and fairly robust.

A lighter shade than either of the above is the medium-deep **Veilchenblau**. This is the standard dark violet as *Ave Maria* is the standard light. Throat markings indicate a close relationship between these two varieties.

Rather similar to *Veilchenblau*, but more willowy, is Mrs. T. J. Knudson, a glad of considerable quality. **Othello**, in its turn, is a willowy *Aida*. **Blue Royale** and **Rosa Raisa** are both related to Mrs. T. J. Knudson; the former being smaller and the latter taller but less distinct in color than *Veilchenblau*.

Baron Hulot, being so similar to the slightly improved sport **Sovereign** is dropped from our catalog this year in favor of the latter. Better still is Kunderd's **Purple Progress**, which has an unusually even tone.

Description of Cream, Buff, and Flesh Varieties

(Continued from page 19)

Mary Elizabeth is a beautiful ruffled white of waxy substance with a warm yellow throat. A beauty. . . . In **Sheen**, Mair has given us a real novelty: a very lovely rich cream with extraordinary silkiness or "sheen" plus a variable amount of the most clear-cut fleckings of deep rose. A striped glad with plenty open. As it bloomed for us this year Mrs. Chase was an outstanding beauty: a very fine

cream with a generous glow of deeper yellow in the throat of each round floret. . . . **Dr. Durr** is similar to **Belinde**, but has more warmth in the throat. . . . **Magna Blanca** is a long-petaled white with a deep cream throat, a glad that will grow over six feet tall. Exceptional for cool climates. . . . The acme of reliability in a cream glad with a golden throat is **Dorothy Vernon**. Extra as a commercial.

CLASS 17—SMOKIES, Etc.

SUPER GLADS (Heavy Capitals)

GROUP A GLADS (Light Capitals)

GROUP B GLADS (Regular Type)

SMOKY REDS

Originator	Year	Size	Substance	Variety	Unit Price	Type	Season	Deficiencies
Brunelet	1927	EE	B	Colbert	\$.....	Pl.	.....ML	5,23
Mair	1931	EE	B	DURBAN	3.00	Pl.	.....EM	
Lemoine	1910	EEE	B	EMILE AUBRUN**	.05	Pl.	.....M	
Mair	1927	EEE	C	FIELD MARSHALL	1.00	Pl.	.....M	
Palmer	1932	EE	A	KAWARTHA	6.00	Ruf.	.....M	?
Goodrich	1926	EE	B	Lewis Dingman	.15	Pl.	.....M	
Kunderd	1927	EE	A	October	.10	Pl.	.....M	7
Lemoine	1924	EE	B	PASTEUR		Pl.	.....M	5
Lemoine	1924	EEE	B	PAUL CAMBON*	1.00	Pl.	.....EM	
Childs	1904	EE	B	PRINCE OF INDIA	.10	Pl.	.....M	
Kunderd	1921	E	B	Red Copper	.07	Pl.	.....M	19
Salbach	1924	EE	B	SARABAND*	.07	Pl.	.....ML	
Hutt	1925	E	A	Smoky	.15	Pl.	.....ML	4,6
Mair	1927	EE	B	Sultan (M)	1.00	Pl.	.....EM	19
Kingsley	1930	EE	B	Tennyson	3.00	Pl.	.....M	
Prestgard	1930	E	B	Terracotta	.20	Pl.	.....ML	
Kunderd	1926	E	B	Tiger	.10	Pl.	.....EM	
Doney	1923	EE	B	Tutanekai	.60	Pl.	.....M	19

SMOKY PINKS

Prestgard	1930	EE	B	Anitra	.10	Pl.	.....M	
Palmer	1931	EEE	B	BAGDAD**	2.00	Pl.	.....M	?
Ellis	1927	E	B	Bengal Beauty	.25	Pl.	.....M	
Mair	1923	EE	C	Carrick		Pl.	.....L	19
Mair	1927	EE	B	Comrade	.50	Pl.	.....EM	
Mair	1923	EE	C	DUCHESS OF YORK	.15	Pl.	.....M	
Errey	1930	EEE	B	Hampden	4.00	Pl.	.....L	?,29
Crow	1929	EE	B	JANET***	.25	Ruf.	.....M	
Mair	1930	EE	B	John Hill	2.00	Pl.	.....M	?
Errey	1929	EE	B	LEANDER	1.00	Pl.	.....ML	
Mair	1928	EEE	B	Lochnagar	1.00	Pl.	.....ML	13?
Whitley	1927	EE	B	Marioland	1.00	Pl.	.....M	29
Stevens, F. H.	1927	EEE	B	MOTHER MACHREE*	.25	Pl.	.....M	19
Ball	1928	EEE	B	OUR SELECTION*	.25	Pl.	.....ML	
Austin	1929	EE	B	Paisley	.40	Pl.	.....M	
Palmer	1932	EE	B	Rideau	1.00	Pl.	.....M	?
Lemoine	1924	EE	B	ROI ALBERT	.35	Pl.	.....EM	
Kunderd	1918	E	B	Romance	.05	Pl.	.....EM	21
Mair	1930	EE	B	ST. BRUNO*	2.00	Pl.	.....L	?
Stevens, F. H.	1930	E	C	Schnectady	.25	Pl.	.....EM	?
Austin	1927	EE	B	Veiled Brilliance	.10	Pl.	.....ML	19
Martin	1926	EEE	C	Wanita	.25	Pl.	.....ML	19

SMOKY LAVENDERS AND PURPLES

Mair	1931	E	C	Gertrude Grey	2.00	Pl.	.....M	8
Bride	1927	EE	C	Lavender Bride	.07	Pl.	.....M	
Pfizer	1929	EE	C	Ludwig Von Beethoven	2.00	Pl.	.....EM	
Errey	1925	EEE	B	MARMORA***	.05	Pl.	.....M	
Prestgard	1930	EE	B	SVENGALI	.20	Pl.	.....M	

SMOKY ORANGES

Kunderd	1925	E	C	COPPER BRONZE*	.05	Pl.	.....M	5
Langlois	1927	E	B	Senorita (L)		Pl.	.....M	
Doney	1930	EE	B	TAWHAKI*	6.00	Pl.	.....M	?

MISCELLANEOUS NOVELTIES

Brown, C. W.	1923	EE	C	Carnival	.20	Pl.	.....EM	
Rivoire (?)	1927	E	B	Dragon Lyonnaise	.50		.....M	
Kunderd	1921	E	C	ENIGMA	.10	Pl.	.....EM	
Doney	1925	EEE	B	HINEMOA	.75	Pl.	.....ML	19
Lemoine	1922	E	B	LOUIS HEMON	.25	Pl.	.....EM	10,12
Brunelet	1923	E	C	Othello (B)		Pl.	.....EM	21,23
Lemoine	1924	E	B	Pelletier D'Oisy	.50	Pl.	.....E	21,23

For Key to Deficiencies, see page 8.

Description of Smokies, etc.

Just as the crossing of a blue and a yellow iris will produce a "blend"—a color effect peculiar to the iris—so the hybridizing of gladioli of opposite colors will often produce "smokies"—a color effect unique with the gladiolus. For instance, Mr. Palmer secured *Rideau* by the cross: *Veilchenblau* X *Apricot Glow*, *Rideau* being an almost imperceptably smoky salmon-orange—thus attesting the dominance of a color natural to the gladiolus (apricot) over so unnatural a color as violet.

Tastes vary more with reference to smoky glads, than in the case of any other of the color classes. Some fans do not like any of the smokies, others like only special types, so our recommendations here, while designed to reflect current opinion as closely as possible, may strike any individual fan as rather inaccurate.

Interesting new arrivals in this color group are *Durban* (garish red to a white throat plus steely glints), *Kawartha* (a massive translucent red-grey of heavy substance and fine form), *Tennyson* (similar to *Saraband*), *Hampden* and *Leander* (similar to *Emile Aubrun*, the latter being the more unique—a smoky rose pink), *Gertrude Grey* (the greyest glad we have ever seen, but by no means in a class with *Marmora* as far as general quality is concerned) and *Tawhaki* (a very unique smoky orange of heavy *Emile Aubrun* substance).

The five Super Glads in this group remain the same as last year. *Marmora*, a lavender grey with a plum colored throat, is perhaps outstanding. It is a little larger and of better form than the parent glad, *Emile Aubrun*. The latter, however, is excellent—a rose-red with a ruby glow in the throat, finished off with a grey edge and often with a general bronzy overcast. *Bagdad* is a close runner-up to *Marmora*, tho they are too different to be compared. Long winged petals of a soft salmon-grey—free from all flecking—characterize this giant gladiolus. The spike of *Bagdad* is unusually long, reminding one of *Aflame*. We recommend this glad very highly. . . . Coming closest to an iris-like blend is *Mother Machree*: salmon and lavender grey. . . . I don't believe that either *Our Selection* or *Hinemoa* can be called beautiful, but they have special value as novelties. *Our Selection* builds a giant spike of salmon, slightly flecked with steely grey. Throat markings are of

red and yellow. *Hinemoa* is rose-red flecked chocolate, with a bold throat blotch of light cream—as startling as a sudden rift in heavy clouds. *Tutaneikai* is a lesser *Hinemoa*.

A silky sort with many small dusky-red florets open at once is *Field Marshall*. Another good one from Mair (who, like Errey Bros., runs quite strongly to smokies) is *Duchess of York*: smoky-rose to a pure white throat—really beautiful. *St. Bruno* is a massive salmon with just a touch of smokiness. *Comrade*, *Carrick*, and *John Hill* are three smoky pinks that seem to vary in performance. *Lochnagar* is a giant of rather depressing hue: a murky rose-red to a white throat.

Especially fine performers are the bricky *Terracotta*, and the grey *Anitra*. *Svengali* is the best of the Prestgard smokies, however: a translucent *Marmora* with an unusually dark throat. A glad with personality.

Saraband can be extra fine when well grown: a richer, more beautiful, but less novel *Hinemoa*. *Roi Albert*, with its unique sanded throat of red and yellow is a fine thing. *October* was below par last season; perhaps it may be extra good again next year. At its best it is a giant smoky rose red with lots of character.

A sparkling lavender-grey is *Lavender Bride*. This glad does especially well in certain localities.

An old timer whose beauty is not to be discounted is *Copper Bronze*. Try vasing this glad on walnut furniture to get its maximum value.

Among the veined sorts *Enigma* is the most striking. The general effect is brownish-red. A redder *Dracocephalus* seedling is *Carnival*. A red and yellow novelty is *Louis Hemon*. Faintly striped violet and rose red is *Othello* (B). *Pelletier D'Oisy* is still the only green glad.

A sport of *Prince of Wales* that has appeared about four places in America but which was first noticed in France is *Dragon Lyonnaise*. This glad with its pockets and spurs in the petals is something of a monstrosity, but is interesting in showing the extreme mutability of the gladiolus, a fact of interest to hybridizers, tho this particular glad is probably worthless to work with.

CLASS 18—SMALL-FLOWERED TYPES

SUPER GLADS (Heavy Capitals)

GROUP A GLADS (Light Capitals)

GROUP B GLADS (Regular Type)

PRIMULINUS

Originator	Year	Color	Substance	Variety	Unit Price	Type	Season	Deficiencies
Brown, C. W.	1923	L. P.	C	ANNIE LAURIE**	\$.05	Ruf.	M	
Vaughan	1930	Cr.	C	Bijou	.40	Ruf.	EM	
Kunderd	1922	Y.	C	Butterboy*	.08	Pl.	E	
Fischer	1923	O.	C	Ethelyn	.05	Pl.	EM	
Davis	1925	Cr.	C	Genessee	.05	Pl.	M	6
Kunderd	1925	Y.	B	GOLDEN FRILLS**	.05	Ruf.	E	
Kunderd	1928	Y.	B	GOLDEN HARMONY*	.15	Ruf.	E	
Kunderd	1927	O.	B	Golden Orange*	.20	Pl.	E	
Kunderd	1927	Cr.	C	HOOSIER PEARL	.15	Pl.	E	
Hatch	1926	L.	C	Lady Jane Grey		Pl.	EM	
Kunderd	1928	Y.	C	MELODY	.20	Pl.	E	
Austin	1928	W.	C	Milady Imogene*	.15	Ruf.	EM	
Kunderd	1927	L. P.	B	MRS. CALVIN COOLIDGE**	.05	Ruf.	EM	
Palmer	1931	S.P.	B	MRS. E. SCHUMACHER	2.50	Pl.	M	?
Kunderd	1928	Cr.	C	Pasteline	.15	Pl.	E	5
Kunderd	1926	L. P.	C	PATRICIA CARTER	.05	Pl.	E	7
Zimmer	1928	L.	C	QUEEN OF BREMEN*	.10	Ruf.	EM	
Purple	1926	Y.	B	REVUE**	.10	Ruf.	EM	
Vaughan	1929	W.	C	SEA FOAM**	.25	Pl.	M	
Jonkheer	1921	Y.	C	SOUVENIR***	.05	Pl.	E	6
Prestgard	1933	L.P.	B	SWEETHEART***	5.00	Ruf.	E	
Kunderd	1929	L.	C	Varro	.20	Pl.	E	
Kunderd	1922	W.	C	WHITE BUTTERFLY*	.05	Pl.	E	6
Brown, C. W.	1930	Sc.	B	Will Scarlet	.20	Pl.	E	
Kunderd	1930	Y.	B	YELLOW FRILLS	.20	Ruf.	E	
Kunderd	1927	L. P.	C	ZONA*	.05	Ruf.	E	

MISCELLANEOUS SMALL TYPES

McKibben	1928	R.	B	Capt. Kidd	.25	Lac.	ML	
Kunderd	1916	R.P.	B	CRINKLES*	.05	Ruf.	M	
Stevens	1930	Y.	B	ENSEMBLE	2.00	Lac.	EM	
Kunderd	1929	Sc.	B	FIRE TORCH	.20	Up.	E	
Brown, C. W.	1927	Cr.	C	Fluffy Ruffles	.50	Lac.	E	5
Kunderd	1929	Cr.	C	GOLDEN SNAPDRAGON	.15	Sn.	E	
Kunderd	1915	Sc.	B	Snapdragon	.08	Sn.	E	6
Sprague	1924	L.	C	The Orchid	.10	Or.	M	5,17

For Key to Deficiencies, see page 8.

Description of Small-Flowered Types

Several new arrivals bring particular interest to this rechristened class.

The arrival par excellence is, of course, *Sweetheart* (pictured and described in detail at the beginning of this catalog). This new combination of snowy white and exquisite pale pink will add materially to the importance of the primulinus. One discriminating fan, without any special leaning toward primas as against the larger glads, but with a recognition of the superior practical importance of varieties usable for table decoration, went so far as to state about *Sweetheart*, that if she grew only one glad it would be this variety. Every garden visitor of note the past summer who saw this variety in bloom agreed that it was the most beautiful primulinus they had ever seen. We repeat our belief that *Sweetheart* will become an outstanding commercial.

"Of finer color than Picardy" was the pronouncement on *Mrs. E. Shumacher* when it was first exhibited at the Canadian show. While not as rank a grower as many primas, its blend of softest apricot-pink to a creamy yellow throat plus a texture of blandest opaqueness give it an air of unassuming perfection.

Lovely as ever is the charmingly frilled *Mrs. Cal-*

vin Coolidge. Aside from the two just mentioned, I believe this our best prim. It is a soft light pink with a warm suffusion of rich cream in the throat. Still delightful is the winsome *Annie Laurie* of cooler, paler pink and more pronounced ruffling. *Zona* is an unobtrusively blotched *Mrs. Coolidge*—a glad with a tremendous lot of distinction, to my way of thinking, for so small a flower. A primulinus version of *Mrs. Sisson* is the lovely *Patricia Carter*. A flesh pink to pale orange in the throat is well-named *Hoosier Pearl*. A reminder from a customer in England (where primas are much favored) corrected last year's omission from our catalog of *Revue*—a sprightly pink and pale yellow combination. Yellow, tipped red is gaudy *Melody*. The richest prim to date is *Golden Frills*. Similar but without the rose feather is *Yellow Frills*. Two fine whites are *White Butterfly* and *Seafoam*. For a lavender prim *Queen of Bremen* is doubtless our finest.

A long suppressed desire to confer on *Crinkles* the honor it so well deserves, became possible of fulfillment this year, when by moving it into this small-flowered class out of competition with the exhibition varieties, it immediately came into its own. The universal appeal of this petite charmer is significant of real merit.

AN INVENTION
OF VALUE TO EVERY GLADIOLUS LOVER:—

THE

Gladiolus Slide Rule

For Timing Gladiolus Blooms for Exhibitions

This valuable new device will not only save you counting days on the calendar but will automatically make the correct allowance for the difference in growing-day value between cool spring weather and the hot days of mid-summer. This feature, which is exclusive with the gladiolus Slide Rule, is indispensable for accurate date-finding with flowers, since they are subject to a seasonal variation.

Graduations on the rule are based on the blooming season of No. 1 bulbs planted at an average depth. Proper allowance can be made for smaller bulbs or for different planting-depth. There are two types of rules: one for latitudes north of Chicago and one for latitudes south of Chicago.

The price of the Slide-Rule, carefully manufactured from selected bass-wood, with an ordinary 12 inch rule on the reverse, attractively boxed, and with complete directions, is \$3.00. Please specify whether you want the Northern or Southern type.

The Gladiolus Slide-Rule, introduced last year by the Colonial Gardens, has already enabled hundreds of glad fanciers to have their finest glads in bloom for their State or local shows. The following statement, received last autumn from the winner of sweepstakes (largest number of individual prizes) at the Indiana State Show for 1932, attests the scientific accuracy of the rule:—

I owe a lot of my success to the gladiolus slide rule which you sent me. I planted 42 varieties on dates that I took from the rule and did not miss on a single variety, and I had them all at their best with the exception of Betty Nuthall, which is such a late bloomer that the best I could do was to have one floret open for the State Show.

—WALTER E. LOVE.



Showing the Slide Rule set to determine the correct planting date for JANE ADDAMS (a midseason-late variety), if one wishes to have it in bloom for a show on Aug. 15. Note that one merely places the season (ML) opposite the desired blooming date (Aug. 15). The zero point on the upper part of the rule will then fall automatically opposite the correct planting date on the lower part of the rule. (Note the small graduations for the spring months). This catalog gives the blooming season for 500 leading varieties. The above illustration shows the slide-rule about two-thirds actual size.

SPECIAL OFFER FOR 1933

The Gladiolus Slide-Rule having met with such a favorable reception from our patrons last year, the Colonial Gardens has decided to renew last year's special offer for the benefit of those who have not yet secured one of the rules. We shall therefore give the Gladiolus Slide-Rule **entirely without charge** to every customer who sends us an order for not less than \$5.00 accompanied by cash in full.

This Slide-Rule offer is alternative to, and not concurrent with, the Kenzan Flower Holder offer; in other words, a \$5.00 bulb order will entitle you to either the Slide-Rule or the large two-moon Kenzan Holder, but not both. A \$10.00 order, however, will entitle you to both; and a \$20.00 order will bring you the Rule and all three Kenzan Holders, etc. Both the Slide-Rule and the Kenzan Holders will be shipped with your bulb order and not separately.

Alphabetical Index

Notations following variety names indicate color classes and page numbers.

Variety	Unit Price	Variety	Unit Price	Variety	Unit Price
A		D		H	
A. E. Amos (L.-22)	\$ 1.00	Daintiness (L.V.-24)	.25	Hampden (Sm.-26)	4.00
A. E. Kunderd (S.P.-16)	.08	David Prior (Sc.-10)	1.25	Heathfield (Sc.-10)	3.00
A. H. Woodfull (L.-22)	2.00	Dearborn (O.-10)	3.00	Heavenly Blue (L.V.-24)	.15
A. W. Hunt (Sc.-10)	.08	Debonair (L.P.-18)	5.00	Helen Howard (Cr.-12)	.08
Adelpha (L.P.-18)	.35	Decoration (P.P.-14)	.20	Helen Wills (W.-14)	.07
Aflame (Sc.-10)	.07	Dignity (L.P.-18)	.....	Heliosa (Y.-12)	1.25
Aida (D.V.-24)	.12	Director (P.-22)	.60	Henry C. Goehl (W.-14)	.05
Albatross (W.-14)	.35	Dorothy Simpson (L.-22)	.....	Hercules (Cr.-12)	10.00
Alice Reid (L.P.-18)	.25	Dorothy Vernon (Cr.-12)	.07	Hernani (R.P.-20)	.....
Allawah (L.V.-24)	.35	Dr. A. C. Hanson (S.P.-16)	.....	Hinemoa (Sm.-26)	.75
Alpheus (S.P.-16)	.....	Dr. C. Hoeg (D.R.-8)	10.00	Hollyhock (W.-14)	.20
Alt Wien (L.V.-24)	.35	Dr. Durr (Cr.-12)	4.00	Hoosier Pearl (Pr.-28)	.15
Amethyst (R.P.-20)	.35	Dr. F. E. Bennett (Sc.-10)	.05	Hyacinth (L.P.-18)	2.50
Amity (Cr.-12)	.50	Dr. L. H. Bailey (R.R.-20)	.50		
Andreas Hofer (S.P.-16)	10.00	Dr. Moody (L.-22)	.07		
Angel's Dream (S.P.-16)	.12	Dr. Nelson Shook (R.R.-20)	.05		
Anitra (Sm.-26)	.10	Dragon Lyonnaise (Sm.-26)	.50		
Anna Eberius (P.-22)	.05	Drama (P.-22)	.....	
Anna Mae (Cr.-12)	.25	Dream O'Beauty (R.R.-20)	5.00		
Annie Laurie (Pr.-28)	.05	Duchess of York (Sm.-26)	.15		
Appleblossom (L.P.-18)	.12	Duna (Cr.-12)	5.00		
Apricot Glow (S.P.-16)	.05	Durban (Sm.-26)	3.00		
Ave Maria (L.V.-24)	.12				
B		E		I	
Badenia (L.V.-24)	.....	E. C. Vick (R.R.-20)	.35	Idabelle Firestone (L.-22)	1.00
Bagdad (Sm.-26)	2.00	E. I. Farrington (Y.-12)	.10	Illuminator (R.-8)	.10
Baron von Wunbergen (S.P.-16)	.50	Earl Benbow (W.-14)	.50	Imp. Henry Ford (P.-22)	1.50
Beat All (S.P.-16)	1.00	Edith Mason (S.P.-16)	.25	Impressive (P.P.-14)	2.00
Beauty Wave (Y.-12)	.20	Edith Robson (S.P.-16)	1.00	Indian Summer (L.-22)	.08
Belinde (Cr.-12)	.07	Eleonora Duse (L.P.-18)	.....	Inspiration (S.P.-16)	2.50
Bella Donna (L.V.-24)	.....	Elizabeth (L.P.-18)	1.00	Iris Phillips (L.-22)	.....
Benedict (R.R.-20)	3.00	Elizabeth Swartley (P.P.-14)	.05	Ivernia (L.P.-18)	1.00
Bengal Beauty (Sm.-26)	.25	Elkhart (P.-22)	.12	Iwa (S.P.-16)	.05
Bentleigh (Cr.-12)	.75	Emblem (Sc.-10)	.35		
Berty Mair (L.-22)	1.00	Emile Aubrun (Sm.-26)	.05		
Berty Snow (L.-22)	.07	Emma (S.P.-16)	.75		
Betty (S.P.-16)	1.00	Enigma (Sm.-26)	.10		
Betty Nuthall (S.P.-16)	.10	Ensemble (Pr.-28)	2.00		
Bijou (Pr.-28)	.40	Ensign (R.-8)	.15		
Bill Sowden (R.-8)	.35	Erica Morini (Sc.-10)	4.00		
Bird of Paradise (R.P.-20)	.....	Esme Desailly (S.P.-16)	.50		
Bleeding Heart (L.P.-18)	.50	Ethelyn (Pr.-28)	.05		
Blenn (S.P.-16)	1.00	Eugene Lefebvre (R.P.-20)	.10		
Blue Boy (L.V.-24)	.25	Engenie (R.P.-20)	.....	
Blue Danube (L.V.-24)	1.25	Evelyn Kirtland (P.P.-14)	.05		
Blue Moon (L.V.-24)	.75	Explorer (D.R.-8)	1.50		
Blue Peacock (L.V.-24)	.....			
Blue Royale (D.V.-24)	5.00				
Blue Triumphator (L.V.-24)	1.50				
Blushes of Cream (L.P.-18)	.35				
Buffalo Bill (L.-22)	.10				
Butter Boy (Pr.-28)	.08				
Byron L. Smith (L.-22)	.05				
C		F		J	
Cadillac (Y.-12)	1.25	Faith (L.V.-24)	.50	J. Horace McFarland (O.-10)	.25
Caesar (Sc.-10)	.....	Fata Morgana (S.P.-16)	.50	J. Ogden Armour (S.P.-16)	.10
Caledonia (S.P.-16)	1.50	Favorite (S.P.-16)	.05	J. S. Bach (Sc.-10)	.....
Canberra (Y.-12)	.25	Fay Lanphier (S.P.-16)	.05	Jacoba van Beieren (P.-22)	.07
Captain Boynton (L.-22)	.05	Fern Kyle (Cr.-12)	.05	Jonkheer van Tets (W.-14)	.50
Captain Kidd (Pr.-28)	.25	Field Marshall (Sm.-26)	1.00	Jane Addams (L.-22)	.07
Carmen Sylva (W.-14)	.05	Fire Torch (Pr.-28)	.20	Janet (Sm.-26)	.25
Carnival (Sm.-26)	.20	Flor Rico (P.-22)	.35	Jap Lady (D.V.-24)	.15
Carolus Clusius (S.P.-16)	.05	Florence (L.-22)	.....	Jean Du Tallis (S.P.-16)	.10
Carrick (Sm.-26)	.....	Flosella (Cr.-12)	1.50	Jenny Lind (S.P.-16)	.05
Cassandra (L.P.-18)	.50	Fluffy Ruffles (Pr.-28)	.50	Jessie (P.P.-14)	.50
Catherine Coleman (S.P.-16)	.05	Fort Sumter (Sc.-10)	.60	Joanna Hill (R.P.-20)	3.00
Champlain (L.V.-24)	.....	Frank J. McCoy (P.P.-14)	.20	Joerg's White (W.-14)	.07
Charles Dickens (P.-22)	.05	Frank M. Schick (S.P.-16)	.15	John Hill (Sm.-26)	2.00
Charles Lindbergh (P.P.-14)	1.00	Franz Schubert (P.P.-14)	.35	John Ramsay (S.P.-16)	1.50
Chicago (Sc.-10)	.15	Fred Christ (L.P.-18)	.35	Jubilee (L.-22)	.40
Claude Bowers (R.R.-20)	.50	Friedl Champion (Sc.-10)	.....	Juniata (L.P.-18)	.25
Colbert (Sm.-26)	.....	Fuld's Favorite (L.-22)	.20		
Col. Chas. Lindbergh (R.P.-20)	.25				
Commander Koehl (R.-8)	.25				
Commodore (Sc.-10)	.25				
Comrade (Sm.-26)	.50				
Constancy (R.P.-20)	2.00				
Copper Bronze (Sm.-26)	.05				
Coronado (W.-14)	.15				
Coronation (S.P.-16)	5.00				
Coryphee (L.P.-18)	.15				
Cream Cups (Cr.-12)	.35				
Creatore (S.P.-16)	.25				
Crimson Glow (R.-8)	.05				
Crinkles (Pr.-28)	.05				
		G		K	
		G. J. McKay (Sc.-10)	1.50	Kasson (L.-22)	.15
		Gallant Leader (P.P.-14)	.25	Kawartha (Sm.-26)	6.00
		Gate of Heaven (Y.-12)	.....	Ken (R.P.-20)	.50
		Gay Hussar (O.-10)	.10	King Arthur (L.-22)	10.00
		Genessee (Pr.-28)	.05	King George (R.-8)	.10
		George J. Joerg (S.P.-16)	.....	King of Oranges (O.-10)	.10
		Georgia (R.R.-20)	.15	Krimhilde (L.-22)	.....
		Geraldine Farrar (L.V.-24)	.10	K's New Violet (D.V.-24)	.10
		Gertrude Errey (L.P.-18)	.08	K's Violet (D.V.-24)	.10
		Gertrude Grey (Sm.-26)	2.00	K's Yellow Favorite (Y.-12)	.05
		Gettysburg (D.R.-8)	.15	Kyle (R.P.-20)	1.00
		Giant Nymph (P.P.-14)	.05		
		Giant Pearl (W.-14)	2.00		
		Gladdie Boy (S.P.-16)	.05		
		Gladness (Sc.-10)	.75		
		Gloriana (S.P.-16)	.05		
				L	
				La Couronne (Cr.-12)	.10
				La Paloma (O.-10)	.25
				Lady Eaton (L.P.-18)	.....
				Lady Jane Grey (Pr.-28)	.....
				Lady Lorene (S.P.-16)	.35

Variety	Unit Price
Lady Macbeth (Sc.-10)	.15
Laidley (P.P.-14)	.25
Lavender Bride (Sm.-26)	.07
Lavender Delight (L.-22)	2.00
Lavender Douglas (L.-22)	.....
Lavender Rose (L.-22)	1.00
Leander (Sm.-26)	1.00
Leviathan (L.P.-18)	1.00
Lewis Dingman (Sm.-26)	.15
Libelle (L.V.-24)	2.00
Lilydale (W.-14)	2.00
Littlejohn (R.P.-20)	.25
Lochnagar (Sm.-26)	1.00
Longfellow (P.P.-14)	.05
Lorice (Sc.-10)	.07
Lotus (Cr.-12)	.25
Louis Hemon (Sm.-26)	.25
Loyalty (Y.-12)	.12
Lucifer (Sc.-10)	2.50
Ludwig von Beethoven (Sm.-26)	2.00
Lustre (R.-8)	.10
Luxury (Y.-12)	.50

M

Madam Geo. Boulay (W.-14)	.40
Madam M. Sully (W.-14)	.12
Magna Blanca (Cr.-12)	.75
Magnet (Y.-12)	.75
Maid of Orleans (W.-14)	1.50
Mammoth White (W.-14)	.20
Mandarin (O.-10)	.10
Marechal Fayolle (R.R.-20)	.....
Margaret Fulton (S.P.-16)	.50
Marie Kunderd (W.-14)	.05
Marietta (S.P.-16)	.05
Marioland (Sm.-26)	1.00
Marmora (Sm.-26)	.05
Marnia (O.-10)	.05
Marlee (S.P.-16)	.35
Marshall Foch (S.P.-16)	.05
Mary Carmichael (R.P.-20)	.60
Mary Elizabeth (Cr.-12)	2.00
Mary Frey (L.-22)	.05
Mary Jane (R.P.-20)	.10
Mary Marie (L.P.-18)	.15
Mary O' Mine (W.-14)	.12
Massasoit (R.-8)	.35
Maurice Fuld (R.P.-14)	.15
Melissa (Cr.-12)	.35
Melody (Pr.-28)	.20
Mexican Fire Opal (O.-10)	.35
Mihloom (W.-14)	.20
Mikail (P.-22)	.....
Milady Imogene (Pr.-28)	.15
Mildred Louise (S.P.-16)	2.50
Ming Toy (Cr.-12)	.05
Minuet (L.-22)	.05
Miss Des Moines (L.-22)	.25
Miss F. E. Willard (S.P.-16)	5.00
Miss Greeley (S.P.-16)	.25
Miss Joy (L.P.-18)	.15
Miss New York (L.P.-18)	.50
Monarch of the Glen (S.P.-16)	.50
Monnie (D.R.-8)	.40
Monte Carlo (O.-10)	.35
Montenegro (D.R.-8)	.10
Moorish King (D.R.-8)	2.00
Morocco (D.R.-8)	.12
Morongo (Sc.-10)	.....
Mother Machree (Sm.-26)	.25
Mrs. Anna Pfitzer (Cr.-12)	.60
Mrs. Calvin Coolidge (Pr.-28)	.05
Mrs. Dr. Norton (L.P.-18)	.05
Mrs. E. Schumacher (Pr.-28)	2.50
Mrs. F. C. Hornberger (W.-14)	.05
Mrs. F. C. Peters (L.-22)	.05
Mrs. Frank Pendleton (L.P.-18)	.05
Mrs. Frank White (W.-14)	.50
Mrs. Geo. W. Hay (L.-22)	.....
Mrs. Gertrude Pfitzer (L.V.-24)	.35
Mrs. H. A. Caesar (L.-22)	.10
Mrs. H. E. Bothin (L.P.-18)	.05
Mrs. H. M. Whitcomb (L.P.-18)	.....
Mrs. John R. Walsh (L.P.-18)	.05
Mrs. Leo Miller (S.P.-16)	4.00
Mrs. Leon Douglas (S.P.-16)	.05
Mrs. P. W. Sisson (L.P.-18)	.05
Mrs. Ray P. Chase (Cr.-12)	.75
Mrs. S. A. Errey (O.-10)	.25
Mrs. T. Rattray (R.P.-20)	.50
Mrs. T. E. Langford (L.P.-18)	2.50
Mrs. T. J. Knudson (D.V.-24)	2.00
Mrs. Van Konynenberg (L.V.-24)	.07
Muriel (L.V.-24)	.05

N

Nancy Hanks (O.-10)	.07
Ne Plus Ultra (Cr.-12)	.25
Netherland Prince (S.P.-16)	.50

Variety	Unit Price
Nimrod (D.R.-8)	.08
Nineteen Ten Rose (R.P.-20)	.05
Noel Reeve (R.P.-20)	4.00

O

Ocellus (L.-22)	.50
October (Sm.-26)	.10
Odalisque (W.-14)	.50
Oh Boy (R.-8)	.75
Ohio State (R.P.-20)	.50
Olive Goodrich (L.P.-18)	.05
Oraflame (O.-10)	.15
Orange Fires (Sc.-10)	.25
Orange Flame (Sc.-10)	.08
Orange Globe (O.-10)	5.00
Orange Queen (O.-10)	.05
Orange Wonder (O.-10)	.07
Othello (D.V.-24)	.....
Othello [B] (Sm.-26)	.....
Our Selection (Sm.-26)	.25

P

Paisley (Sm.-26)	.40
Pasteline (Pr.-28)	.15
Pasteur (Sm.-26)	.....
Patricia Carter (Pr.-28)	.05
Paul Cambon (Sm.-26)	.75
Paul Deschanel (R.P.-20)	.50
Paul Pfitzer (P.-22)	.08
Pauline Kunderd (R.P.-20)	.50
Pearl of California (P.P.-14)	.10
Peerless Pink (S.P.-16)	2.50
Pelegina (D.V.-24)	7.50
Pelletier D'Oisy (Sm.-26)	.50
Pfitzer's Triumph (Sc.-10)	.05
Philatelia (R.R.-20)	.25
Picardy (S.P.-16)	2.50
Pink Cloud (R.P.-20)	.07
Pink Lily (R.P.-20)	.07
Pirate (R.R.-20)	2.00
Premier Henry (S.P.-16)	.....
Pres. Lincoln (L.V.-24)	2.00
Pride of Portland (Sc.-10)	.15
Pride of Wanakah (R.P.-20)	.05
Primate (Y.-12)	.15
Primrose Princess (Y.-12)	.08
Prince of India (Sm.-26)	.10
Prof. Van Slogteren (L.P.-18)	.50
Prosperity (P.P.-14)	.05
Purple Glory (R.R.-20)	.05
Purple Progress (D.V.-24)	1.00
Purple Queen (P.-22)	.07
Purple Victory (R.R.-20)	1.50

Q

Queen of Bremen (Pr.-28)	.10
Queen Louise (W.-14)	.50
Queen Mary (Cr.-12)	.50

R

Radiant Orange (O.-10)	.15
Ramesses (R.R.-20)	2.00
Rapture (S.P.-16)	1.00
Red Copper (Sm.-26)	.07
Red Fire (R.-8)	.05
Red Glory (R.-8)	.07
Red Lory (R.R.-20)	.40
Red Phipps (Sc.-10)	1.00
Red Pirate (R.R.-20)	.35
Red Splendor (R.-8)	.25
Resplendent (L.P.-18)	.10
Rev. Ewhank (L.V.-24)	.10
Revue (Pr.-28)	.10
Rhapsody in Blue (L.V.-24)	7.50
Richard Diener (S.P.-16)	.05
Rideau (Sm.-26)	1.00
Rippling Waters (Cr.-12)	.25
Rita Beck (L.P.-16)	.05
Rita Phillips (S.P.-16)	4.00
Roald Amundsen (R.-8)	.15
Robert the First (R.P.-20)	5.00
Roi Albert (Sm.-26)	.35
Romance (Sm.-26)	.05
Rosa Raisa (D.V.-24)	2.50
Roscoe Huff (Cr.-12)	1.50
Rose Mist (R.P.-20)	.05
Rosemarie Pfitzer (L.P.-18)	6.00
Rouget De Lisle (R.-8)	.25
Royal Lavender (L.-22)	.15
Rozan (R.P.-20)	.10
Ruffled Gold (Y.-12)	.12

S

S. A. Kurz (W.-14)	.20
Salbach's Orchid (R.P.-20)	1.50
Salbach's Pink (S.P.-16)	.25

Variety	Unit Price
Saraband (Sm.-26)	.07
Scarlet Wonder (R.-8)	.05
Schenectady (Sm.-26)	.25
Schwaben Girl (L.P.-18)	1.50
Sea Foam (Pr.-28)	.25
Seestern (S.P.-16)	.....
Senator (S.P.-16)	2.50
Senorita (Sm.-26)	.....
Senorita [S] (O.-10)	.10
Shasta (Cr.-12)	.20
Sheen (Cr.-12)	3.00
Shell Pink (P.P.-14)	.05
Show Flower (R.R.-20)	.10
Silversheen (S.P.-16)	4.00
Smoky (Sm.-26)	.15
Snapdragon (Pr.-28)	.08
Snowboy (W.-14)	.10
Solveig (W.-14)	40.00
Sonja (W.-14)	.25
Sophie Fischer (P.P.-14)	.....
Souvenir (Pr.-28)	.05
Sovereign (D.V.-24)	.05
Spirit of St. Louis (O.-10)	.07
Spray of Gold (Y.-12)	.75
St. Bruno (Sm.-26)	2.00
St. Nicholas (R.P.-20)	2.00
Star Lily (Y.-12)	.25
Star of Bethlehem (W.-14)	.....
Stately Lavender (L.-22)	1.50
Stuttgardia (Sc.-10)	.25
Sultan (Sm.-26)	1.00
Sultan [C] (R.R.-20)	2.50
Sunnyside (R.P.-20)	6.00
Sunshine Girl (S.P.-16)	.75
Sunshine Glow (Sc.-10)	.15
Svengali (Sm.-26)	.20
Sweetheart (Pr.-28)	5.00
Sweet Rose (R.P.-20)	.05

T

T. A. Weston (S.P.-16)	.25
Taro (R.R.-20)	.05
Tawhaki (Sm.-26)	6.00
Tennyson (Sm.-26)	3.00
Terracotta (Sm.-26)	.20
The Aristocrat (S.P.-16)	.15
The Orchid (Pr.-28)	.10
Thomas A. Edison (D.R.-8)	.75
Tiffany (Pr.-28)	.10
Tiger (Sm.-26)	.10
Tintaldra (R.P.-20)	2.00
Tip Top (Sc.-10)	.....
Tobersun (Y.-12)	.20
Troubador (P.-22)	.30
Trudel Grotz (S.P.-16)	.05
Tutanekai (Sm.-26)	.60
Twilight (Cr.-12)	.05
Tyrian Beauty (R.R.-20)	.05

V

Varro (Pr.-28)	.20
Vaughan's White (W.-14)	.20
Veilchenblau (L.V.-24)	.07
Veiled Brilliance (Sm.-26)	.10
Victor (Sc.-10)	.20
Violet (L.-22)	.50
Virginia Hale (L.P.-18)	.10

W

W. A. Sisson (L.-22)	.20
W. G. Hatfield (R.R.-20)	1.00
W. H. Phipps (S.P.-16)	.05
Wm. Booth (R.R.-20)	.20
Wm. Cuthbertson (L.P.-18)	1.50
Wm. Kent (Cr.-12)	.07
Wanita (Sm.-26)	.25
Wasaga (Cr.-12)	5.00
White Butterfly (Pr.-28)	.05
White Knight (W.-14)	.50
White Orchid (W.-14)	.25
White Pearl (W.-14)	.25
Will Scarlet (Pr.-28)	.20
Wings of the Morning (P.P.-14)	.40
Wodan (L.V.-24)	1.50
Wolfgang von Goethe (Sc.-10)	1.50
Wonderful (R.R.-20)	.10
Wuertembergia (Sc.-10)	2.50

Y

Yellow Frills (Pr.-28)	.20
Yellow Perfection (Y.-12)	.50
Yellow Wonder (Y.-12)	.50
Yvonne (L.P.-18)	.05

Z

Zona (Pr.-28)	.05
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Please Read Before Ordering

We pay postage or express charges to all points in U. S. and Canada but not to oversea countries.

We ship no bulbs during December, January, and February except at special request of buyer and at his risk. At other times we guarantee safe delivery. No order accepted after May 10, and from Canada not after April 1. Early ordering is advised.

Reference: First National Bank or Rushford State Bank, Rushford, Minnesota.

All stock offered subject to prior sale. All orders filled with extra count and extras in proportion to the size of your order.

No orders accepted for less than \$1.00, if American, or \$5.00 if Canadian or foreign.

Please do not order single items for less than \$.10. In the case of varieties selling at \$.05, \$.07, \$.08, please order at least two bulbs of each.

Terms: Cash with order or before shipment. Customers outside the U. S. are requested to remit by international money order or draft on New York or Chicago banks, made out in American money. Personal checks from foreign countries not accepted. Orders for spring delivery accepted and booked now if 25% of amount accompanies order, the balance cash before shipment or C. O. D.

Discount: On orders of \$10.00 or over we give you 10% extra value in bulbs of your selection. Orders of \$25.00 or over, 15% extra bulbs. Orders of \$50.00 or over, 20% extra bulbs. Orders of \$100.00 or over, 25% extra bulbs, all your selection. The Slide-Rule and Kenzan Flower Holder offer are alternative to these discounts and not concurrent.

Special Quotations: On large orders we shall be pleased to submit special quotations. Please do not write for quotations on small orders, however, as catalog prices will apply.

Bulbs: All stock sent out is guaranteed disease-free, thrip-free, and true to name. Any errors will be rectified to the full satisfaction of our customers.

Copies of last year's *Gladiolus Fancier's Catalog* are available at twenty-five cents each.

Fall List: The Colonial Gardens issues no fall price list and prefers to make deliveries only in the spring when our shipping room with 500 varieties in six sizes and bulblets—3,500 items—is prepared to facilitate shipment. Orders for your 1934 gardens may be made from our 1933 catalog, and proper price adjustments will be allowed.

Prices: The Colonial Gardens will meet the catalog prices of any of the other leading growers. Altho we feel that our price schedule has many advantages over a price list, it does possess a certain inflexibility, resulting occasionally in our being too low on small lots and too high on large lots for certain varieties, or vice versa. If you wish to give us a share of your patronage and find our prices on any varieties distinctly out of line, just fill in your order at our prices and make a note at the end of your order and we will either allow you the difference in cash or in bulbs of your choice. If you wish the latter, specify varieties that you prefer.

Acknowledgments will be sent for all orders received, but will not be itemized unless requested.

Varities not priced in this catalog are either awaiting government release, or are being withheld for propagation. A few varieties are offered only in certain sizes: namely, *Margaret Fulton* (No. 1's only), *Lotus* (No. 1's, 2's, 3's and blbts. by the package only), *Moorish King* and *Sunnyside* (No. 1's only).

BULBLET PRICES: \$.20 per package for all varieties up to \$1.50 in unit price; \$1.00 per pkg. for varieties with unit prices of \$2.00 or over.

Colonial Gardens' Bulbs are THIRIP-FREE. We are pleased to be able to reproduce the following letter received this winter from our state inspector:—



KENZAN FLOWER HOLDER

See page 5

Mr. Ralph Baerman,
Colonial Gardens,
Rushford, Minnesota.

Dear Mr. Baerman:

This is to advise you that I made a careful inspection of your bulbs on November 26, 1932, and was unable to find any gladiolus thrips or any indication that these thrips were present in your stock.

Sincerely yours,

J. D. Winters,
Ass't State Entomologist.

COMPLETE PRICE SCHEDULE FOR BULBS IN ALL SIZES AND QUANTITIES

This price schedule is applicable to all of the 500 varieties listed in our catalog.

To use this schedule, just take the "Unit Price" (for 1 No. 1 bulb) as given previously in this catalog and key it up with the same unit price as it appears in this schedule. For instance, **Jane Addams** is listed in the lavender color class with a unit price of \$.07. To find the prices of smaller sizes or larger quantities of Jane Addams, just look for the unit price of \$.07 in this price schedule. It is given in heavy figures. The prices accompanying this figure are for Jane Addams in all sizes and quantities, and also for all other varieties having a unit price of \$.07.

Three or six bulbs may be had at the dozen rate, 25 at the hundred rate, 250 at the 1000 rate. Where no 1000 rate is given, 1000 may be figured at 8 times the 100 rate. Where no 100 rate is given, 100 may be figured at 8 times the dozen price. Where no dozen rate is given, it may be figured at ten times the unit price.

The following prices supersede all previous lists. ORDER EARLY. A 25% deposit will hold your order for later shipment. Please do not order any single items for less than \$.10. For bulblet prices see preceding page.

Per	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	Per	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
1	.05	.....	.....	.....	.....	.....	1	.75	.65	.55	.45	.35	.25
3	.13	.10	.....	.....	.....	.....	3	1.90	1.75	1.40	1.15	.85	.65
12	.50	.40	.35	.25	.20	.15	12	7.50	6.50	5.50	4.50	3.50	2.50
100	3.75	2.80	2.00	1.20	.80	.60							
1000	30.00	24.00	16.00	9.00	6.40	4.80	1	1.00	.80	.60	.50	.40	.35
							3	2.50	2.00	1.50	1.25	1.00	.90
							12	10.00	8.00	6.00	5.00	4.00	3.50
1	.07	.....	.....	.....	.....	.....		
3	.18	.15	.13	.10	.....	.....	1	1.50	1.25	1.00	.75	.60	.50
12	.70	.60	.50	.40	.30	.20	3	3.75	3.25	2.50	2.00	1.50	1.25
100	5.00	4.00	3.00	2.00	1.20	1.00	12	15.00	12.50	10.00	7.50	6.00	5.00
1000	40.00	32.00	24.00	16.00	9.00	8.00							
							1	2.00	1.60	1.20	.90	.60	.40
1	.08	.....	.....	.....	.....	.....	1	2.50	2.00	1.50	1.25	1.00	.75
3	.20	.18	.15	.13	.10	.....	1	4.00	3.50	3.00	2.00	1.50	1.00
12	.80	.70	.60	.50	.40	.30							
100	6.00	5.00	3.50	2.50	2.00	1.20							
1000	48.00	40.00	28.00	20.00	16.00	9.00							
							1	5.00	4.00	3.00	2.50	2.00	1.50
1	.10	.....	.....	.....	.....	.....	1	6.00	5.00	4.00	3.00	2.00	1.50
3	.25	.20	.18	.15	.13	.10							
12	1.00	.80	.70	.60	.50	.40							
100	7.00	5.50	4.00	3.00	2.00	1.50							
1000	56.00	44.00	32.00	24.00	16.00	12.00							
							1	7.00	6.00	5.00	3.00	2.00	1.50
1	.12	.10	.....	.....	.....	.....	1	8.00	7.00	6.00	4.00	3.00	2.00
3	.30	.25	.20	.18	.15	.13							
12	1.20	1.00	.80	.70	.60	.50							
100	8.00	6.00	5.00	3.00	2.25	1.50							
1000	64.00	48.00	40.00	24.00	18.00	12.00							
							1	10.00	8.00	6.00	5.00	3.50	3.00
1	.15	.12	.10	.....	.....	.....	1	15.00	12.00	10.00	7.50	5.00	4.00
3	.38	.30	.25	.20	.18	.15	1	25.00	20.00	15.00	10.00	8.00	6.00
12	1.50	1.20	1.00	.70	.40	.30							
100	10.00	8.00	6.00	4.00	3.00	2.00							
1000	80.00	64.00	48.00	32.00	24.00	16.00							
							1	40.00	36.00	32.00	28.00	24.00	20.00
1	.20	.16	.13	.10	.....	.....					
3	.50	.40	.35	.20	.13	.10							
12	2.00	1.60	1.20	.80	.50	.35							
100	12.00	10.00	7.00	5.00	3.50	2.50							
1000	95.00	75.00	56.00	40.00	28.00	20.00							
1	.25	.20	.13	.10	.....	.....					
3	.65	.45	.30	.20	.15	.10							
12	2.50	1.80	1.20	.80	.60	.40							
100	14.00	12.00	8.00	6.00	4.25	3.00							
1000	100.00	80.00	64.00	48.00	40.00	24.00							
1	.35	.25	.20	.15	.10	.....						
3	.90	.70	.55	.45	.30	.20							
12	3.50	2.50	2.00	1.50	1.00	.60							
100	20.00	20.00	16.00	10.00	7.00	4.50							
1	.40	.30	.25	.15	.13	.10							
3	1.00	.75	.65	.40	.35	.25							
12	4.00	3.00	2.50	1.50	1.25	.70							
100	24.00	24.00	18.00	12.00	8.00	5.00							
1	.50	.40	.30	.20	.15	.10							
3	1.25	1.00	.75	.50	.40	.25							
12	5.00	4.00	3.00	2.00	1.50	1.00							
100	30.00	20.00	16.00	12.00	8.00	6.00							
1	.60	.50	.40	.30	.25	.20							
3	1.50	1.25	1.00	.75	.65	.50							
12	6.00	5.00	4.00	3.00	2.50	2.00							



Our Motto:

Healthy, Young, True-to-name Stock

